

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099363.D
 Acq On : 25 Apr 2019 16:14
 Operator : JU/SJ
 Sample : K2534-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW067-042219MSD

Manual Integrations
 APPROVED

Sohil
 4/29/2019 2:29:41 AM

Quant Time: Apr 26 02:10:17 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4111	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	15734	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	11526	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	32998	0.40	ng	0.00
27) Chrysene-d12	21.37	240	36859	0.40	ng	0.00
34) Perylene-d12	23.86	264	41492	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	3825	0.38	ng	0.01
5) Phenol-d6	6.98	99	5534	0.39	ng	0.00
8) Nitrobenzene-d5	8.96	82	4567	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	8277m	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2210	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13105	0.29	ng	0.00
25) Fluoranthene-d10	19.22	212	125901	0.32	ng	0.00
29) Terphenyl-d14	19.82	244	21838	0.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	1245	0.216	ng	# 64
3) n-Nitrosodimethylamine	3.65	42	1242	0.401	ng	# 83
6) bis(2-Chloroethyl)ether	7.24	93	4252	0.318	ng	96
9) Naphthalene	10.65	128	57568	0.335	ng	100
10) Hexachlorobutadiene	10.94	225	3480	0.319	ng	99
12) 2-Methylnaphthalene	12.28	142	10066	0.345	ng	98
16) Acenaphthylene	14.18	152	18796	0.361	ng	98
17) Acenaphthene	14.53	154	10672	0.332	ng	98
18) Fluorene	15.49	166	16025	0.347	ng	99
20) 4-Bromophenyl-phenylether	16.39	248	6165	0.337	ng	99
21) Hexachlorobenzene	16.49	284	5898	0.336	ng	98
22) Pentachlorophenol	16.84	266	7606	1.292	ng	93
23) Phenanthrene	17.23	178	38198	0.437	ng	100
24) Anthracene	17.32	178	29818	0.384	ng	99
26) Fluoranthene	19.25	202	65946	0.564	ng	99
28) Pyrene	19.61	202	65937	0.607	ng	98
30) Benzo(a)anthracene	21.34	228	63178	0.583	ng	98
31) Chrysene	21.40	228	56361	0.489	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	184358	1.870	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	56940	0.500	ng	97
35) Benzo(b)fluoranthene	23.09	252	59309	0.467	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	50797	0.401	ng	# 96
37) Benzo(a)pyrene	23.75	252	53646	0.471	ng	96
38) Dibenzo(a,h)anthracene	26.53	278	41298	0.355	ng	98
39) Benzo(g,h,i)perylene	27.32	276	47566	0.403	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

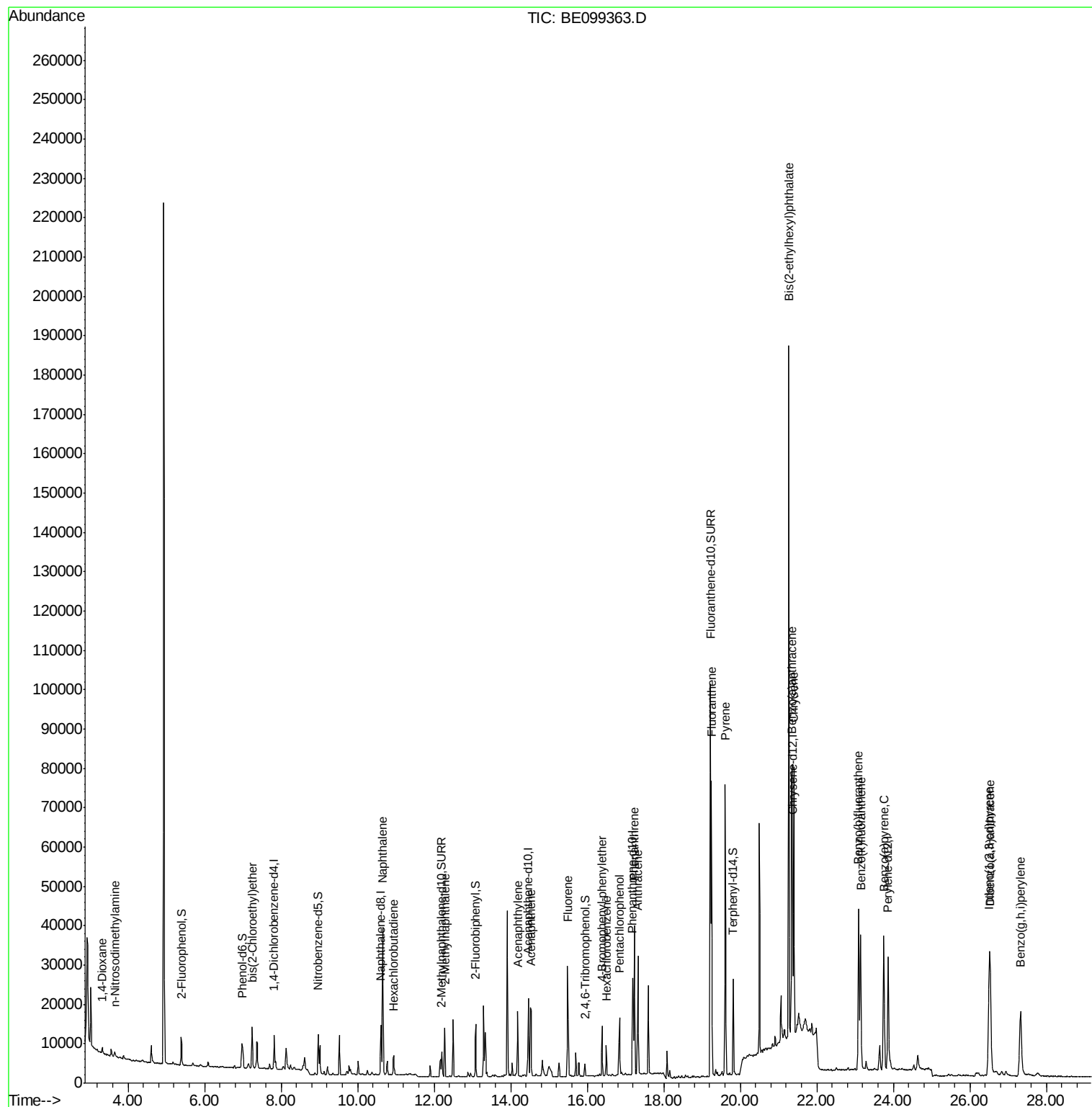
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099363.D
Acq On : 25 Apr 2019 16:14
Operator : JU/SJ
Sample : K2534-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

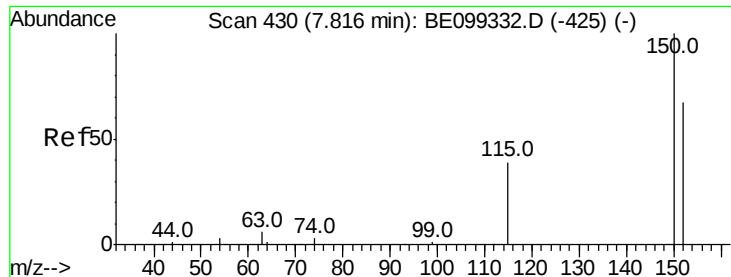
Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Manual Integrations
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Sohil
4/29/2019 2:29:41 AM

Quant Time: Apr 26 02:10:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
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#1

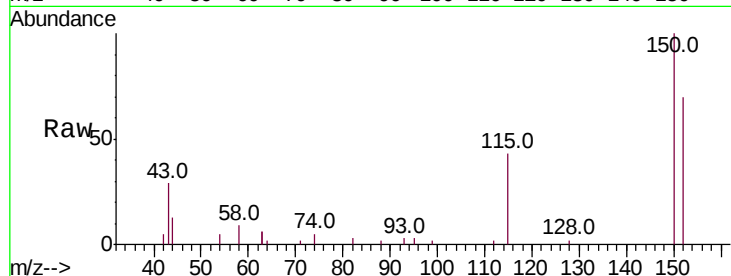
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	119.5	179.3
115	61.3	47.5	71.3

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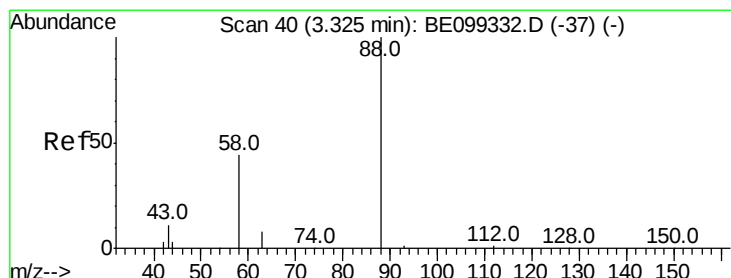
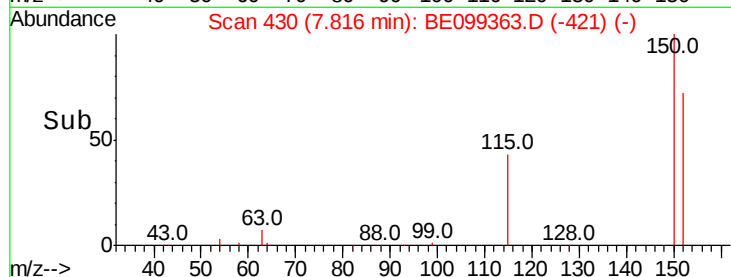
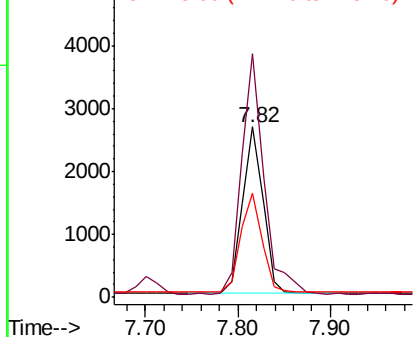


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

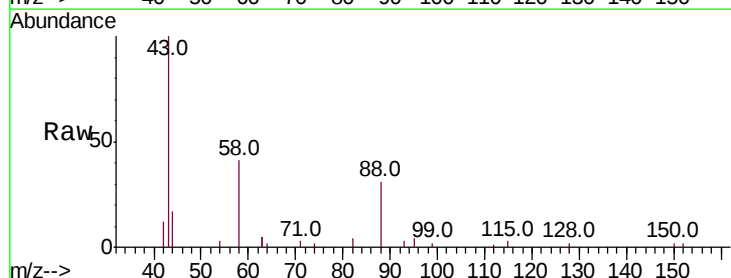
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.216 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	49.1	73.7
43	83.1	17.9	26.9

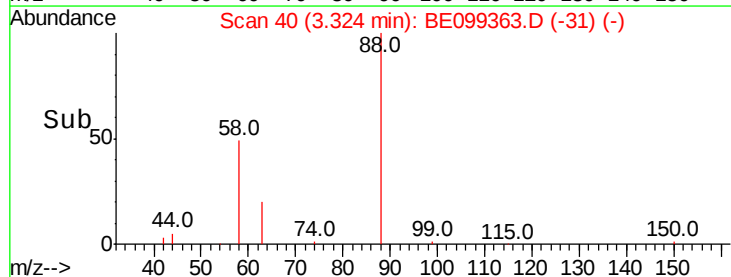
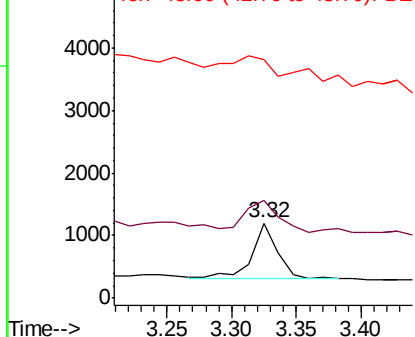


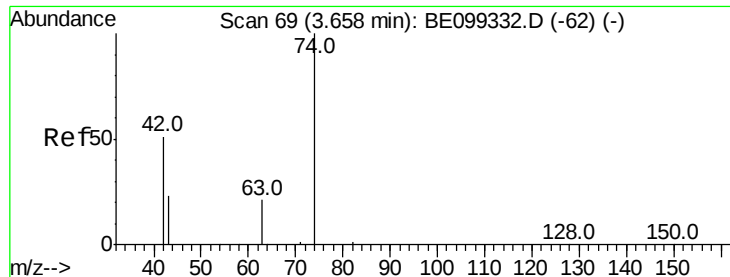
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

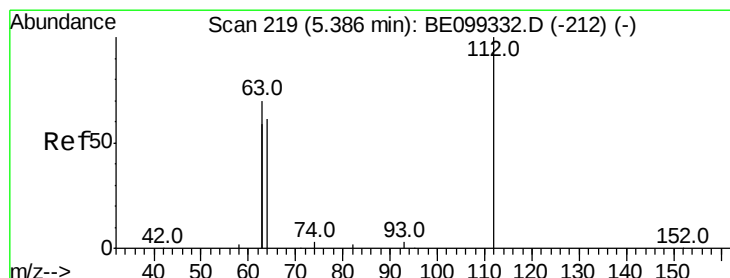
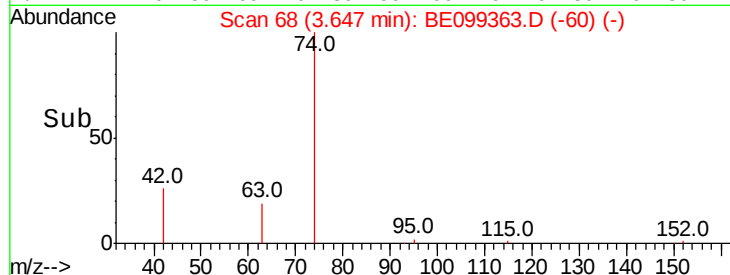
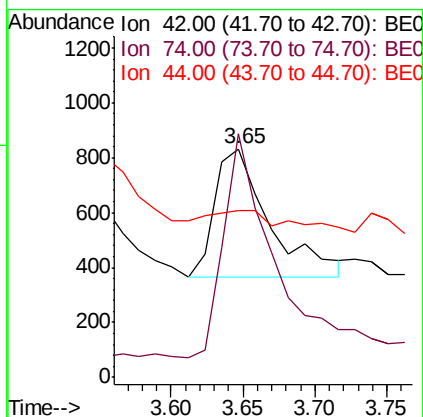
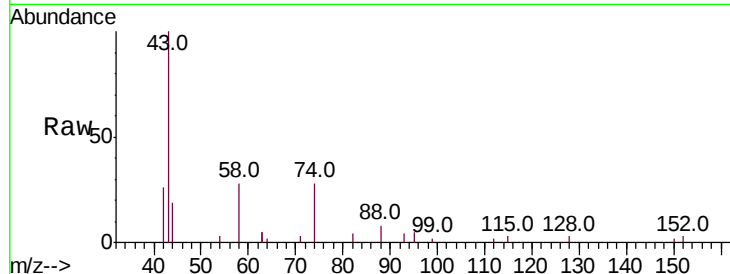
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:	42	Resp:	1242
Ion Ratio	Lower	Upper	
42	100		
74	156.9	145.8	218.8
44	15.4	9.0	13.4#

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#4

2-Fluorophenol

Concen: 0.381 ng

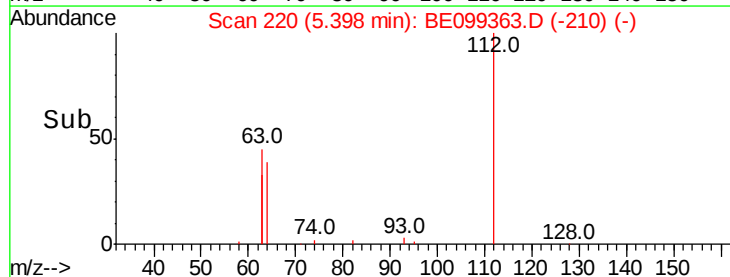
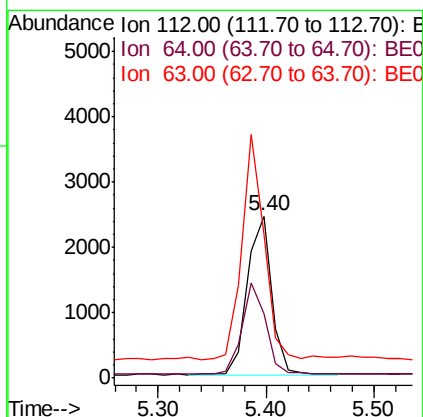
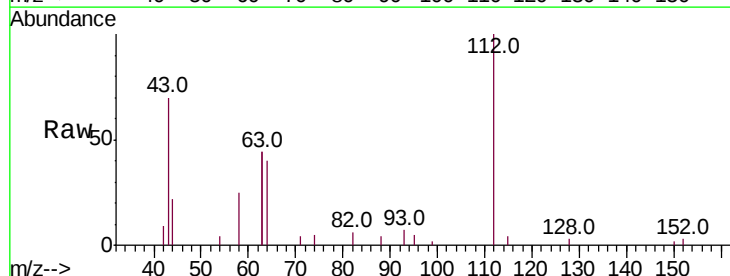
RT: 5.40 min Scan# 220

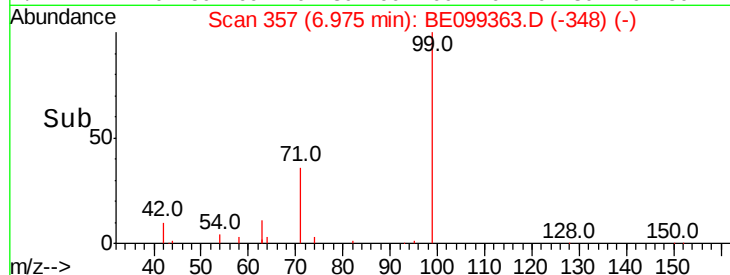
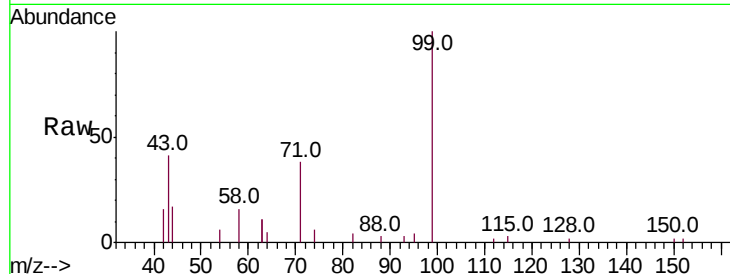
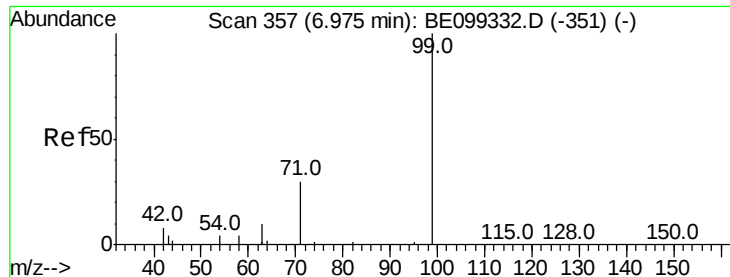
Delta R.T. 0.01 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:	112	Resp:	3825
Ion Ratio	Lower	Upper	
112	100		
64	56.5	44.9	67.3
63	127.0	97.4	146.0





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tot Ion:	99	Resp:	5534
Ion	Ratio	Lower	Upper
99	100		
42	17.8	11.7	17.5#
71	40.6	29.6	44.4

Instrument :

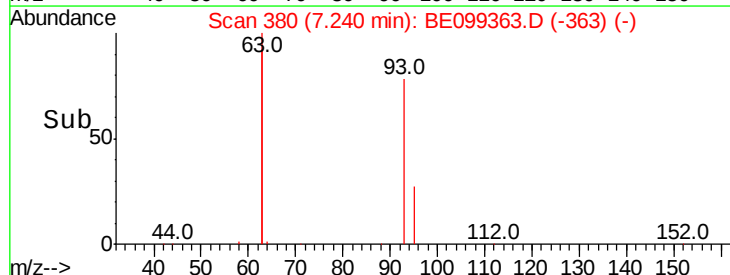
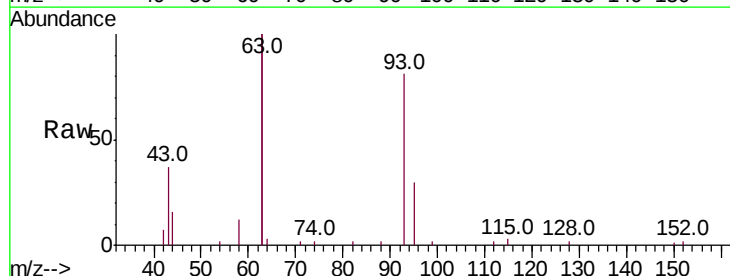
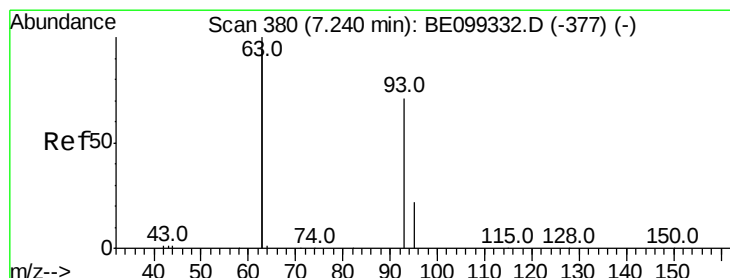
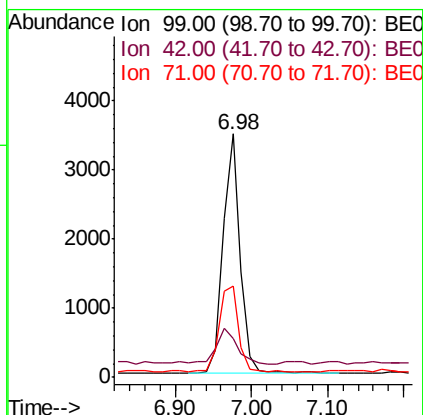
BNA_E

ClientSampleId :

EXT-073-SW067-042219MSD

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.318 ng

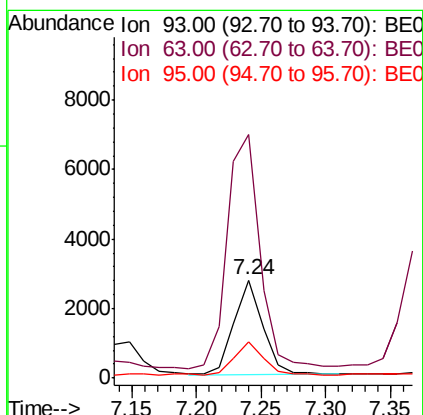
RT: 7.24 min Scan# 380

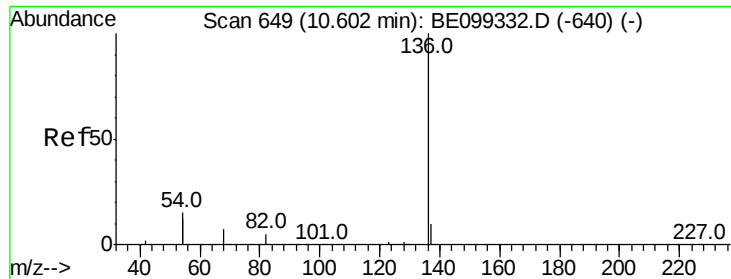
Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:	93	Resp:	4252
Ion	Ratio	Lower	Upper
93	100		
63	277.2	216.6	324.8
95	34.0	25.8	38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

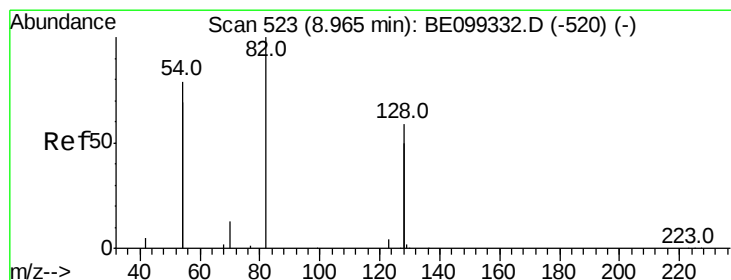
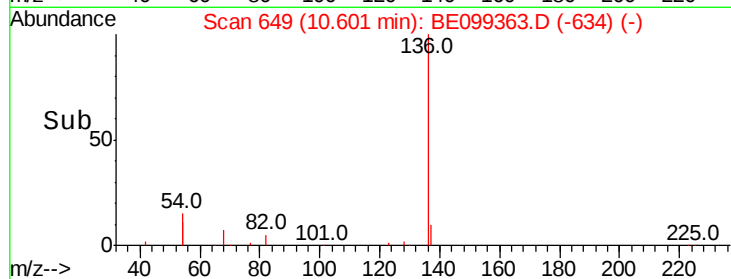
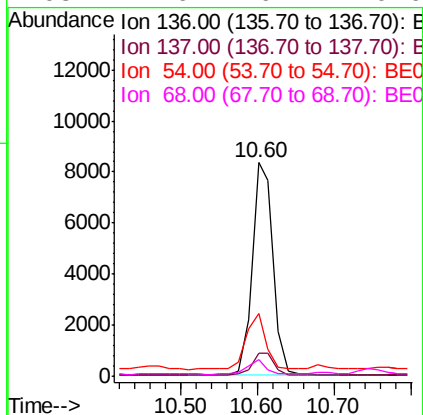
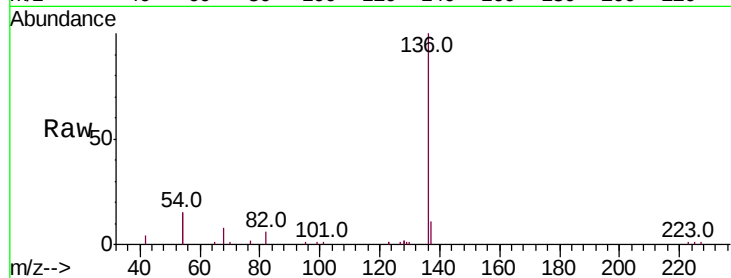
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:	136	Resp:	15734
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	29.3	23.8	35.8
68	7.6	6.4	9.6

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#8

Nitrobenzene-d5

Concen: 0.374 ng

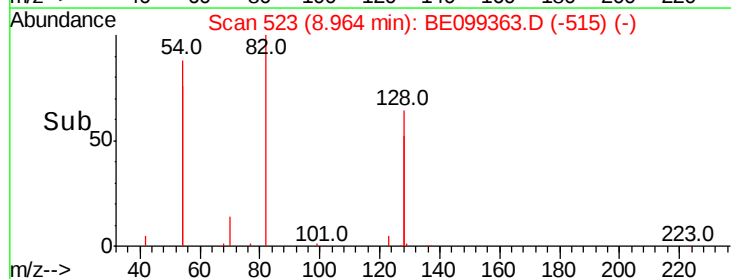
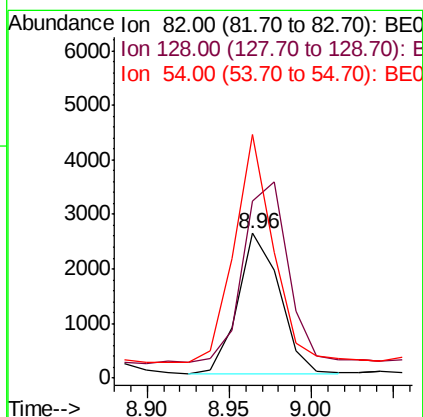
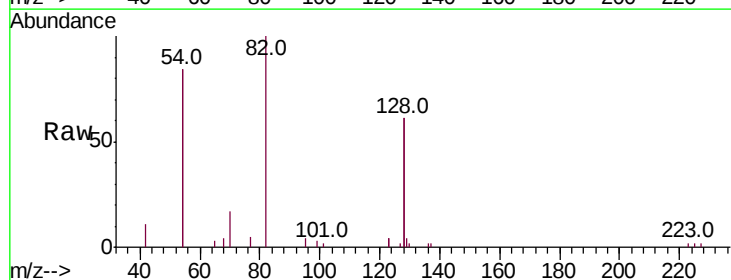
RT: 8.96 min Scan# 523

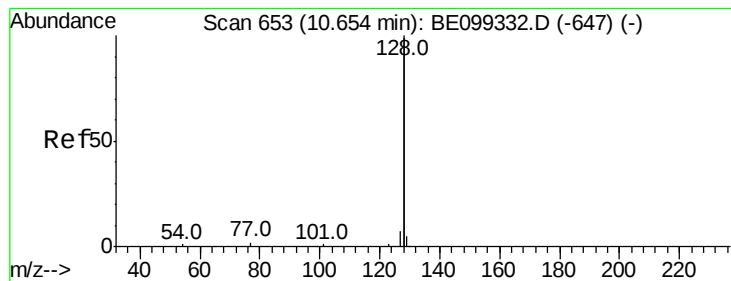
Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:	82	Resp:	4567
Ion Ratio	Lower	Upper	
82	100		
128	122.5	91.7	137.5
54	167.9	122.8	184.2





#9

Naphthalene

Concen: 0.335 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

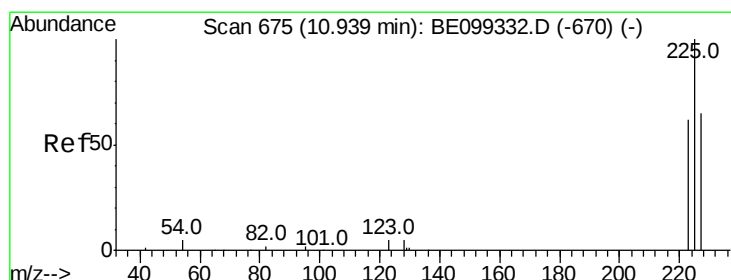
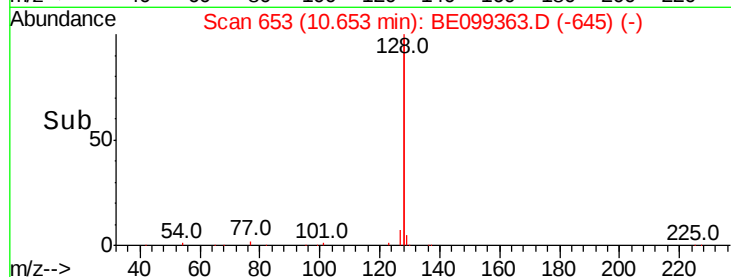
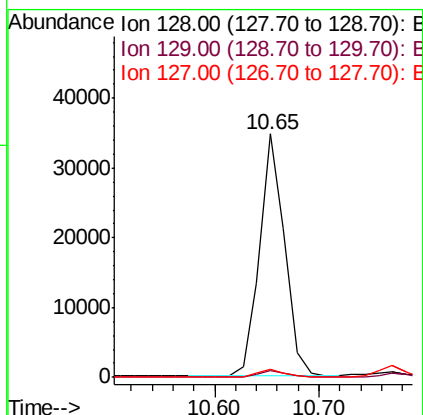
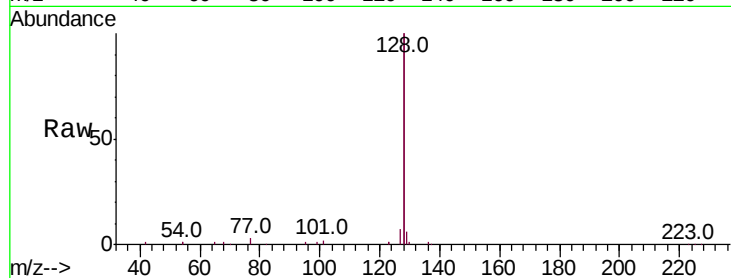
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:	128	Resp:	57568
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.3	3.5
127	3.4	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.319 ng

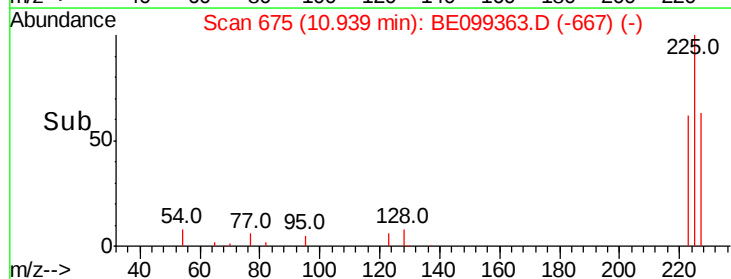
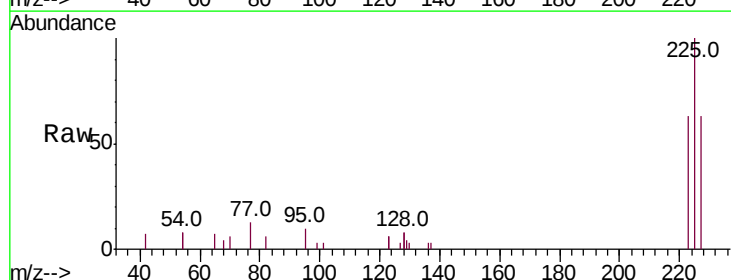
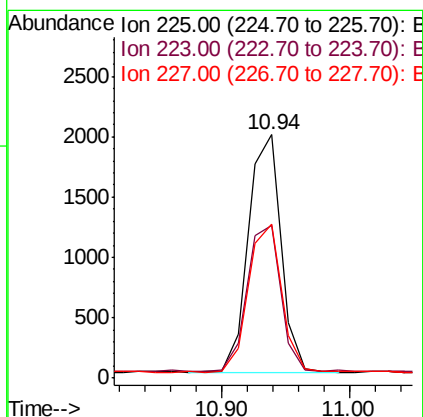
RT: 10.94 min Scan# 675

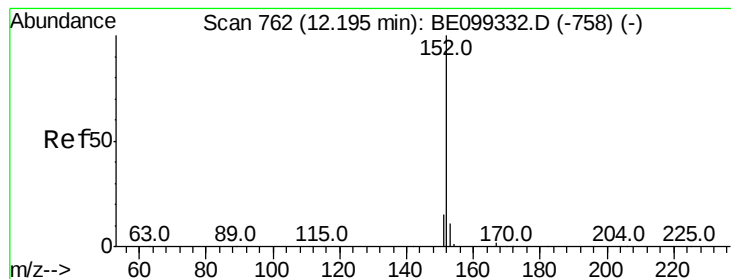
Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:	225	Resp:	3480
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.3	75.5
227	63.4	49.4	74.0





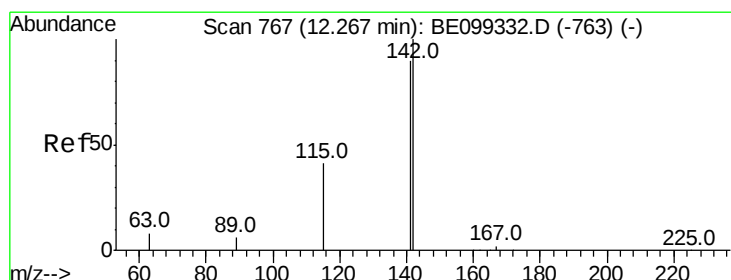
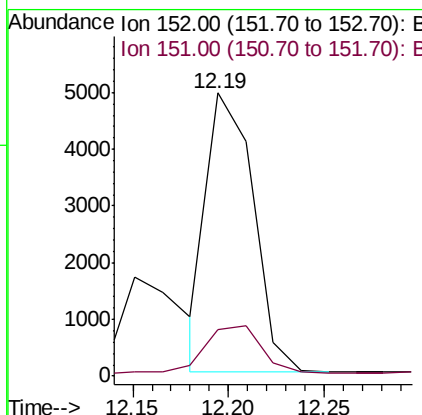
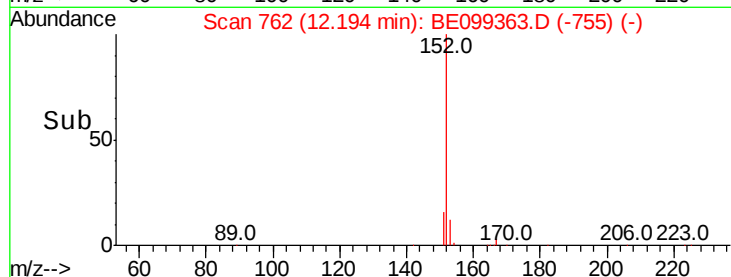
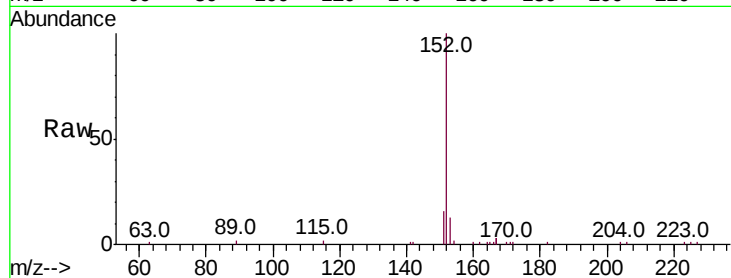
#11
 2-Methylnaphthalene-d10
 Concen: 0.298 ng/ml
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099363.D
 Acq: 25 Apr 2019 16:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW067-042219MSD

Tot Ion:152 Resp: 8277
 Ion Ratio Lower Upper
 152 100
 151 20.6 14.9 22.3

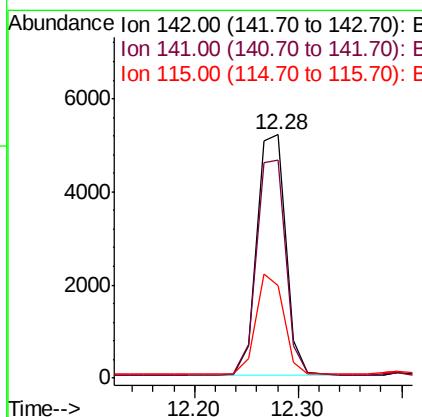
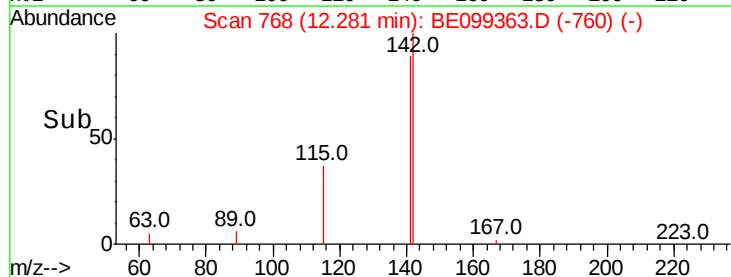
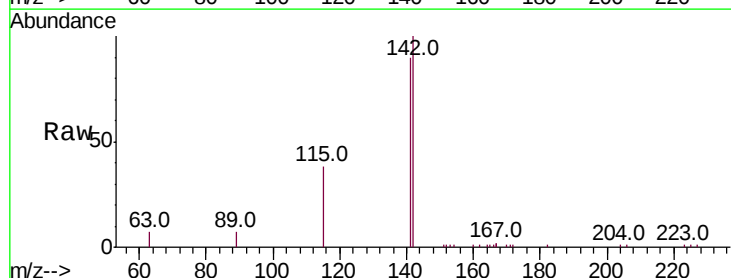
Manual Integrations
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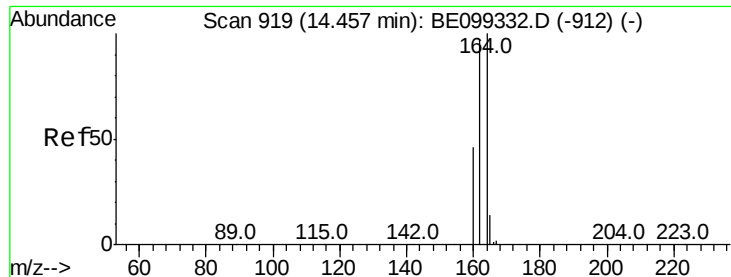
Sohil
 4/29/2019 2:29:41 AM



#12
 2-Methylnaphthalene
 Concen: 0.345 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE099363.D
 Acq: 25 Apr 2019 16:14

Tgt Ion:142 Resp: 10066
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.0 108.0
 115 38.1 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

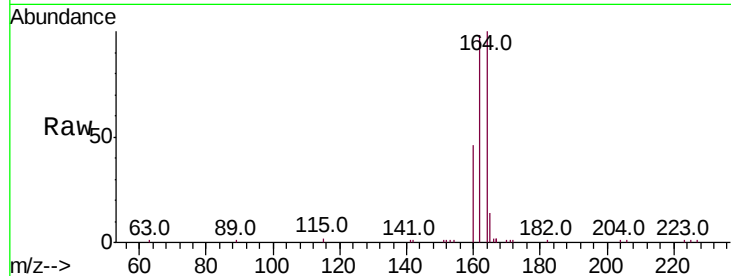
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:	164	Resp:	11526
Ion Ratio	Lower	Upper	
164	100		
162	97.9	77.8	116.6
160	45.8	37.1	55.7

Manual Integrations
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4/29/2019 2:29:41 AM

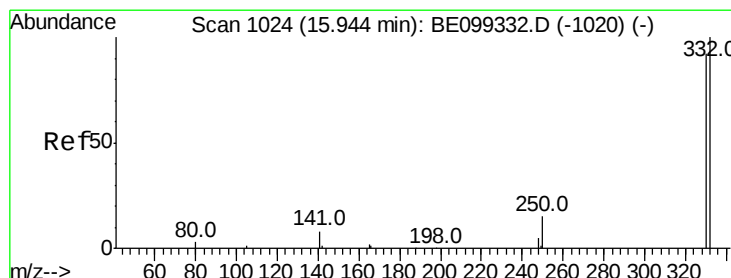
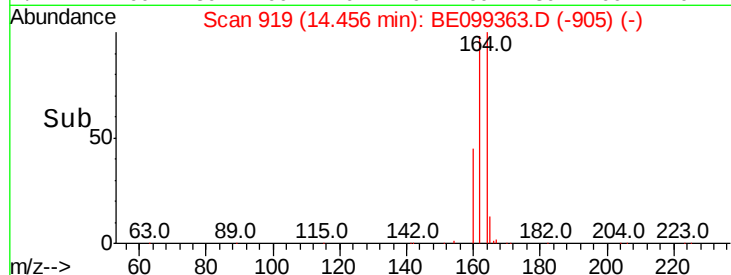
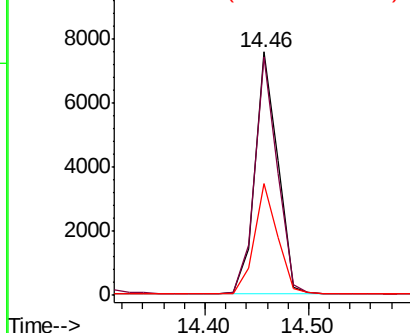


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.577 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

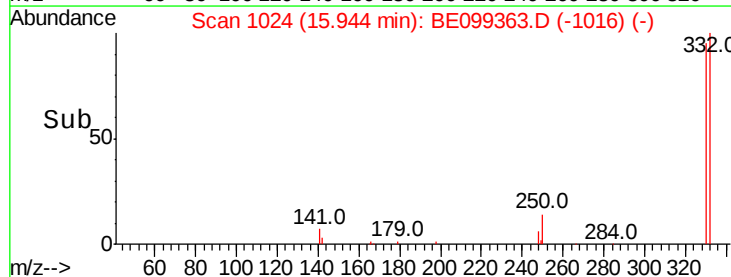
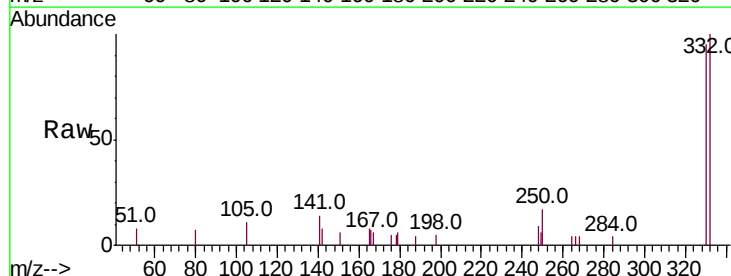
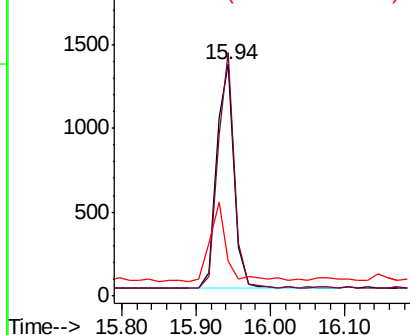
Tgt Ion:	330	Resp:	2210
Ion Ratio	Lower	Upper	
330	100		
332	98.4	82.5	123.7
141	33.0	24.9	37.3

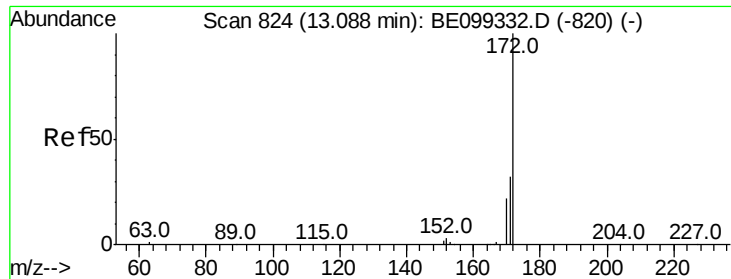
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





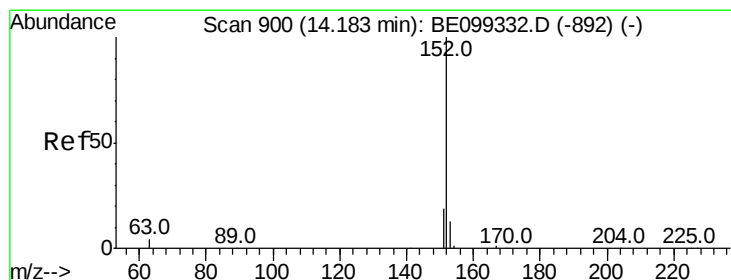
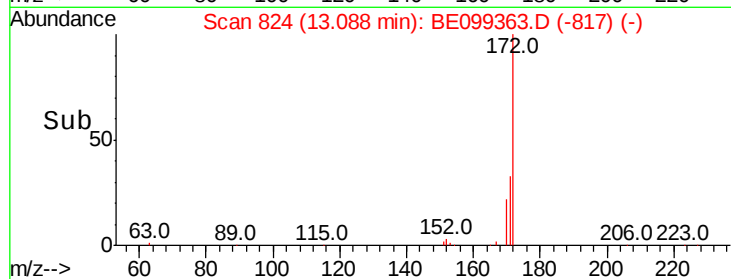
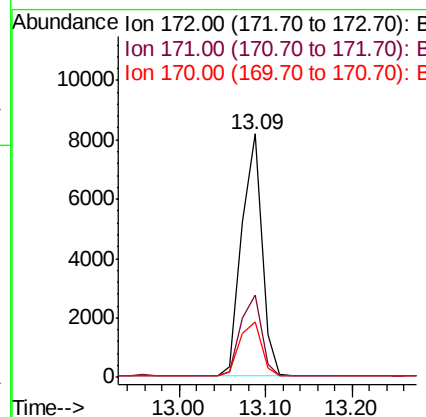
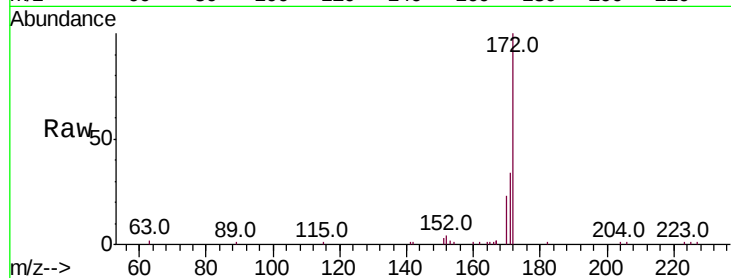
#15
 2-Fluorobiphenyl
 Concen: 0.289 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099363.D
 Acq: 25 Apr 2019 16:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.9	18.1	27.1

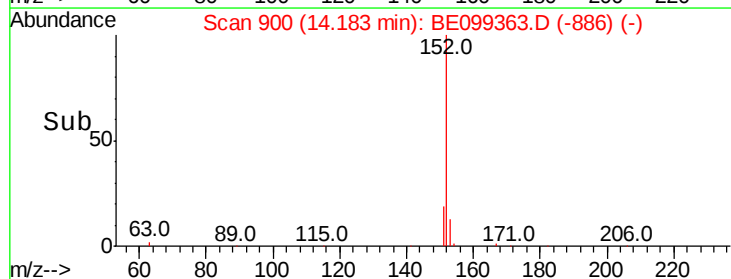
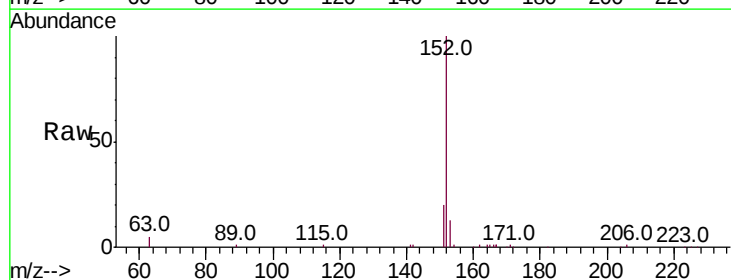
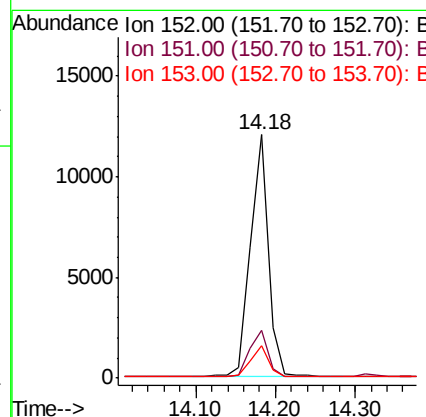
Manual Integrations
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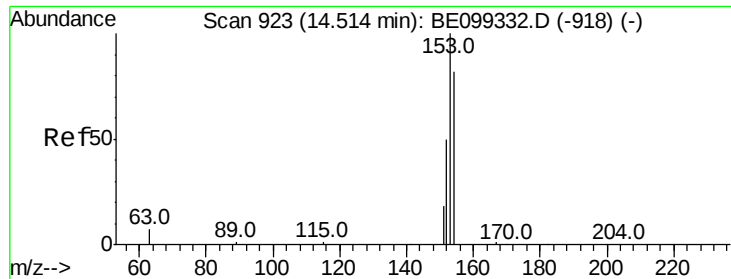
Sohil
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#16
 Acenaphthylene
 Concen: 0.361 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE099363.D
 Acq: 25 Apr 2019 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.5	23.3
153	12.8	10.2	15.4





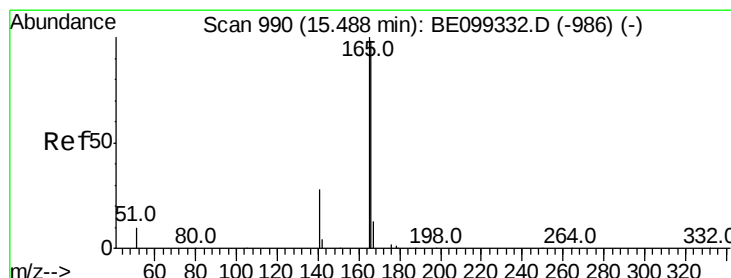
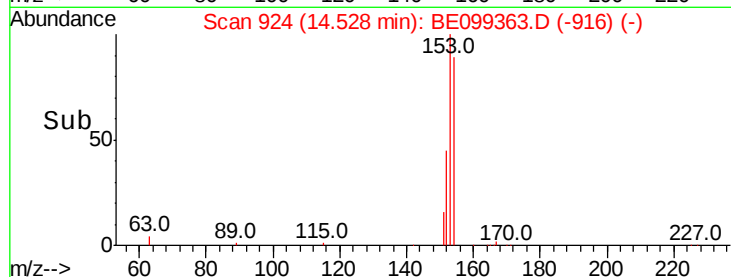
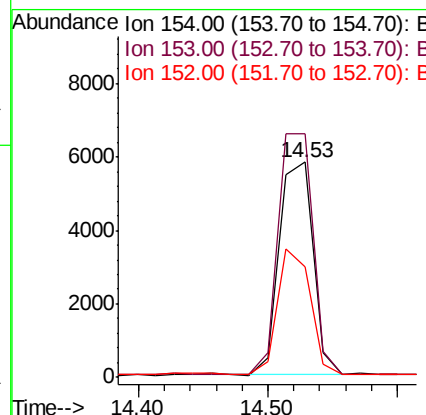
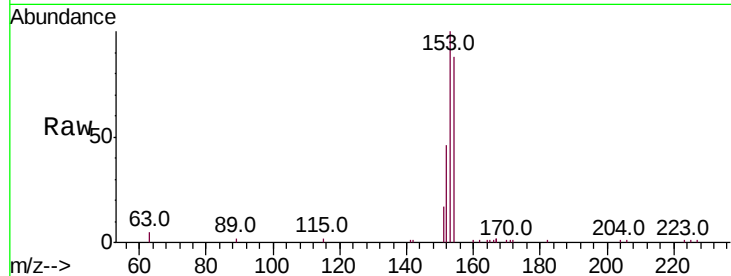
#17
Acenaphthene
Concen: 0.332 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.1	94.7	142.1
152	56.8	46.4	69.6

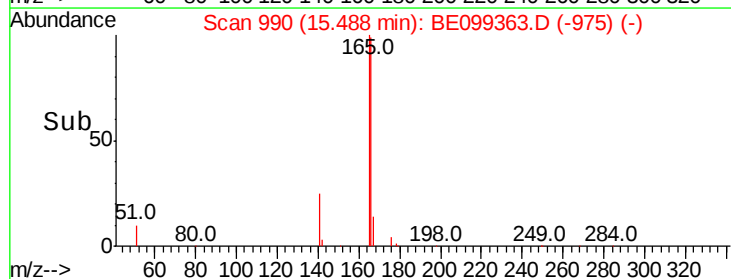
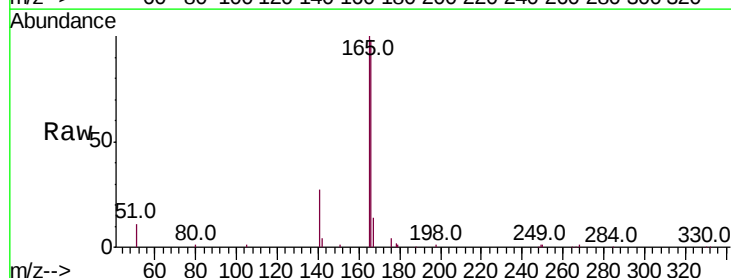
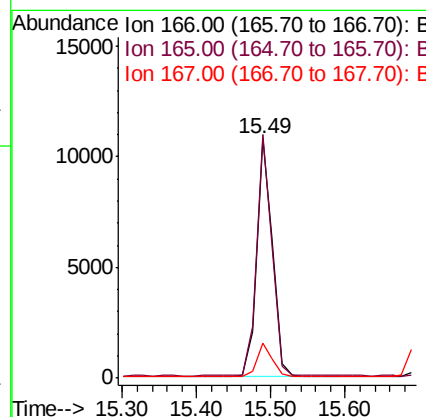
Manual Integrations
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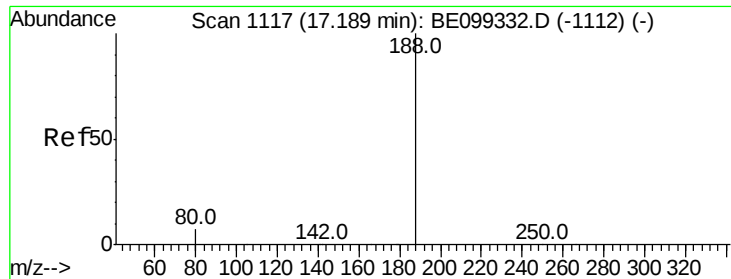
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#18
Fluorene
Concen: 0.347 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.7	119.5
167	13.7	11.0	16.4





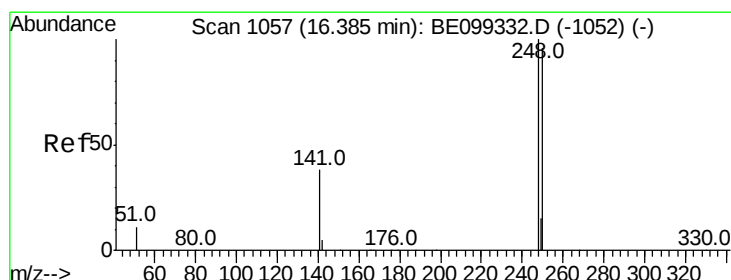
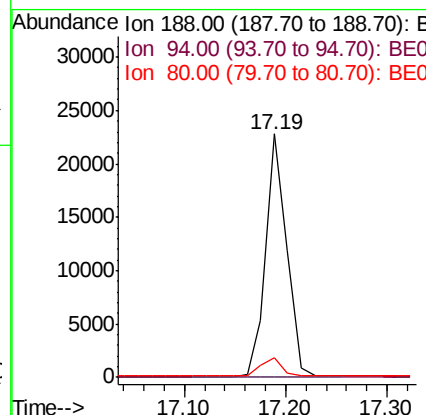
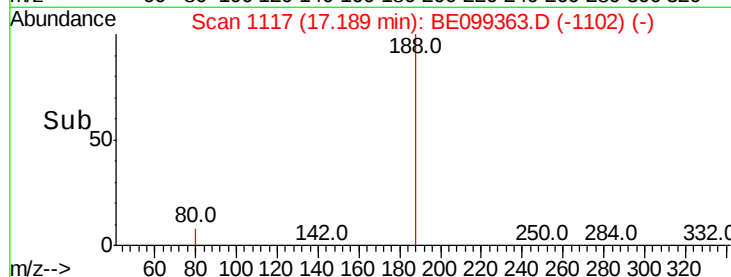
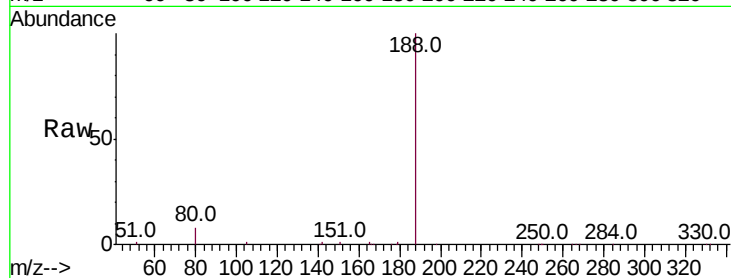
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Tot Ion:	188	Resp:	32998
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.0	6.2	9.4

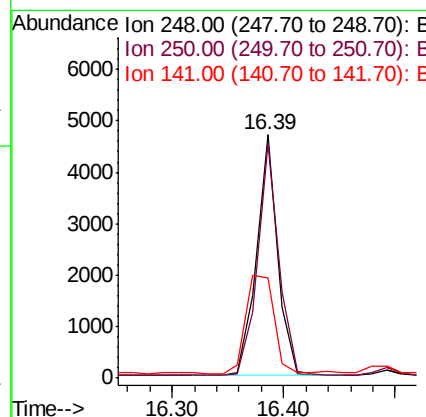
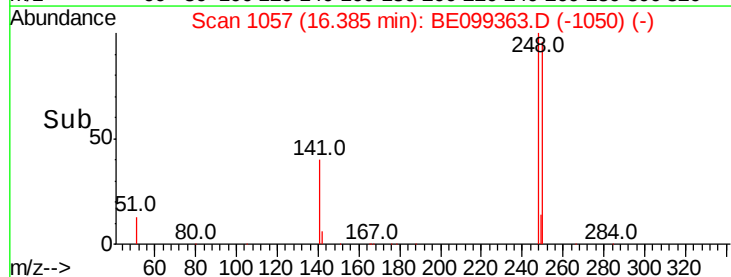
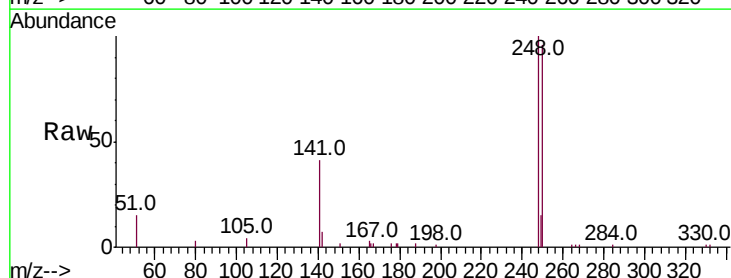
Manual Integrations
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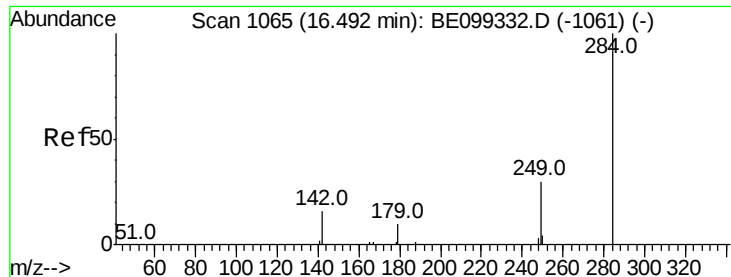
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#20
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.39 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion:	248	Resp:	6165
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.0	115.6
141	41.3	31.1	46.7





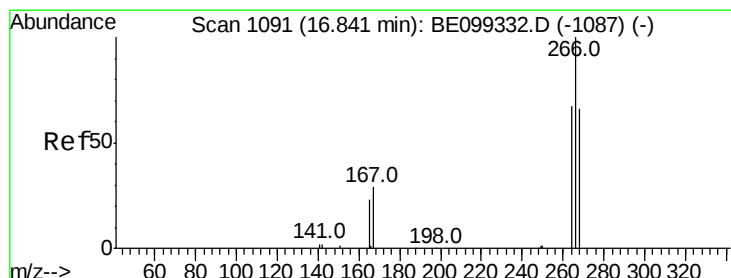
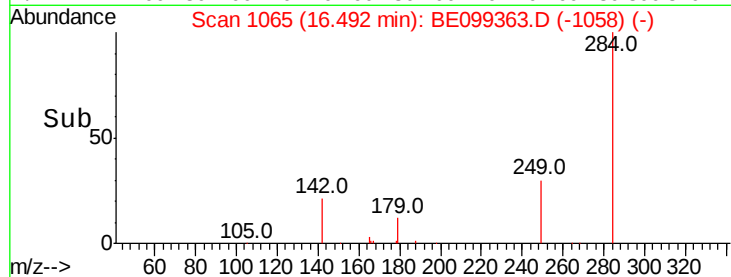
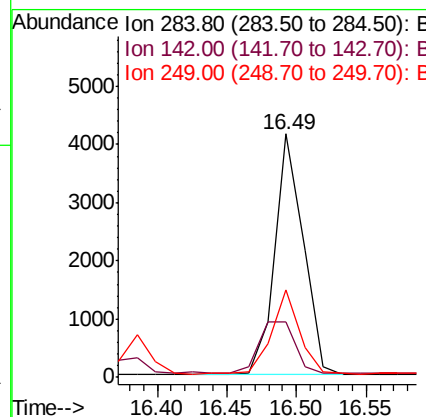
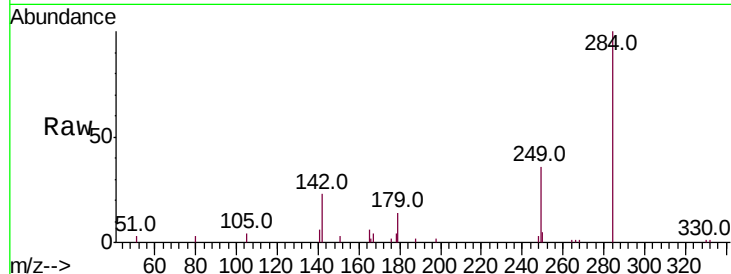
#21
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.6	21.8	32.6
249	34.2	26.2	39.4

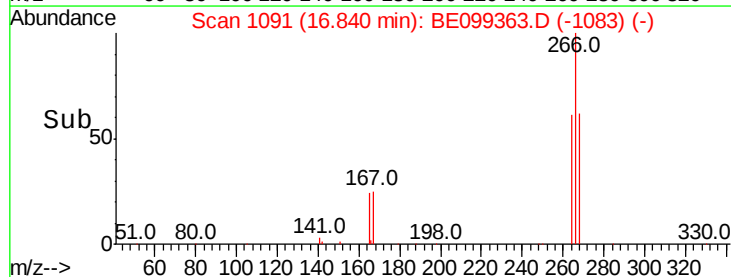
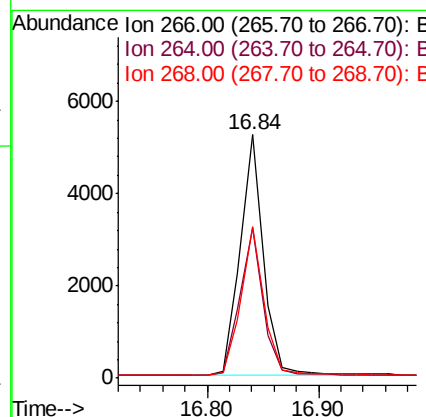
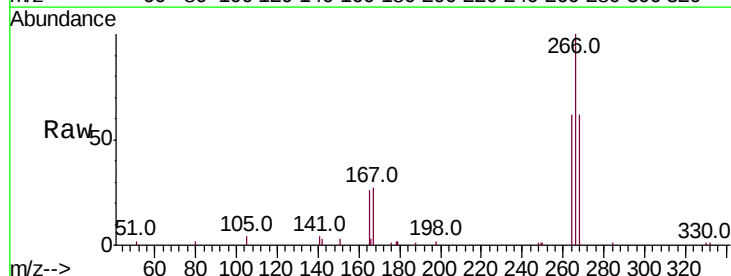
Manual Integrations
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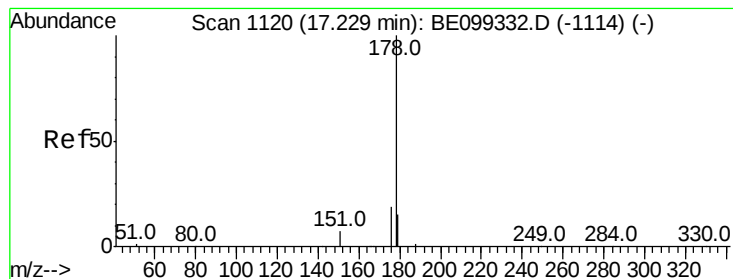
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#22
Pentachlorophenol
Concen: 1.292 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	54.5	81.7
268	62.1	54.3	81.5





#23

Phenanthrene

Concen: 0.437 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

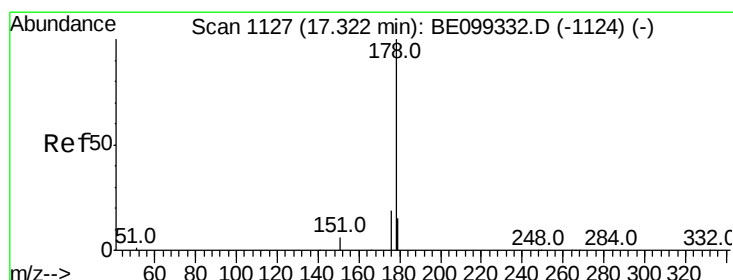
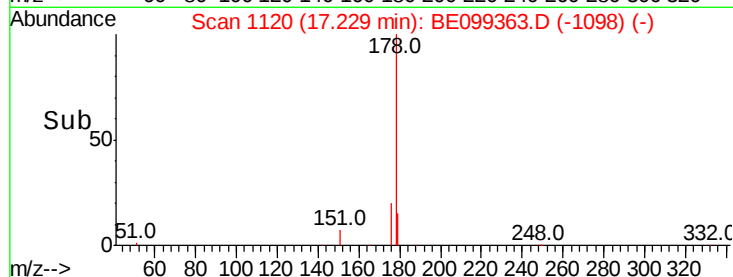
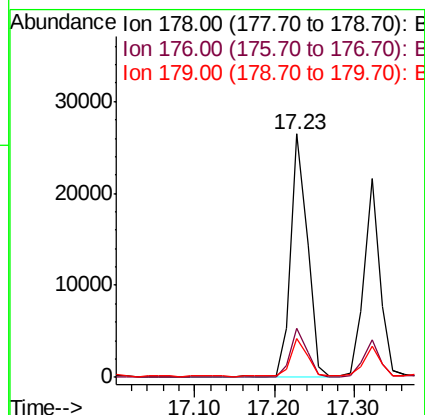
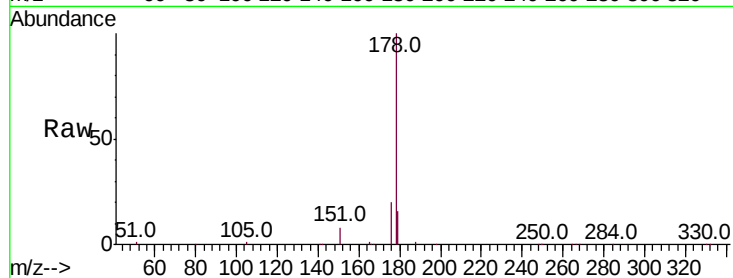
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:178	Resp:	38198
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.3 22.9
179	15.3	12.4 18.6

Manual Integrations
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#24

Anthracene

Concen: 0.384 ng

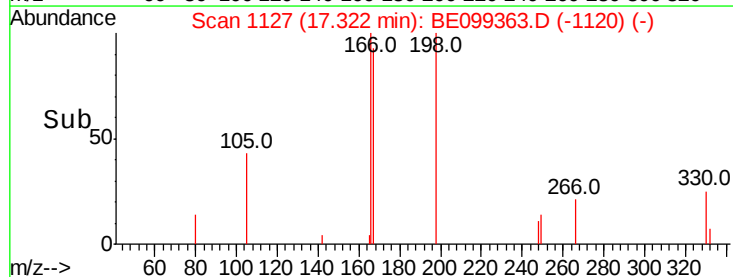
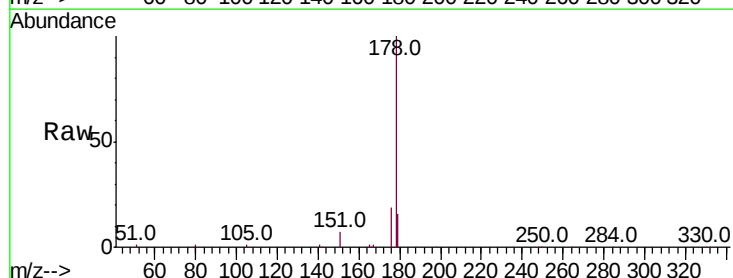
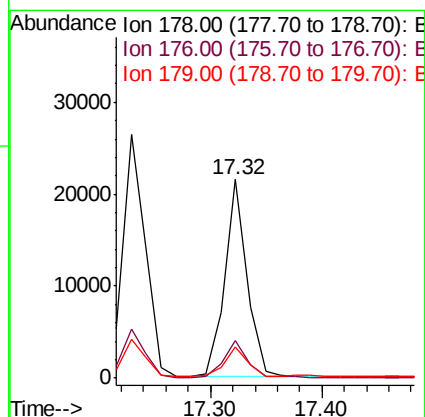
RT: 17.32 min Scan# 1127

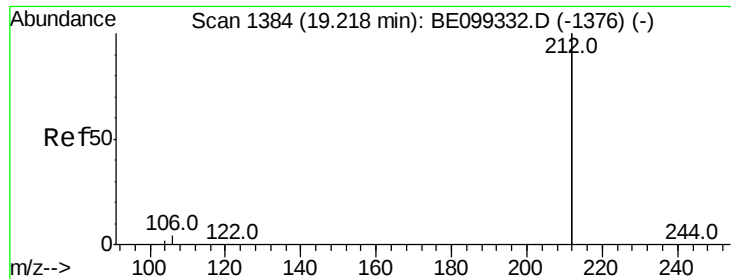
Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:178	Resp:	29818
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.1 22.7
179	15.5	11.9 17.9





#25

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

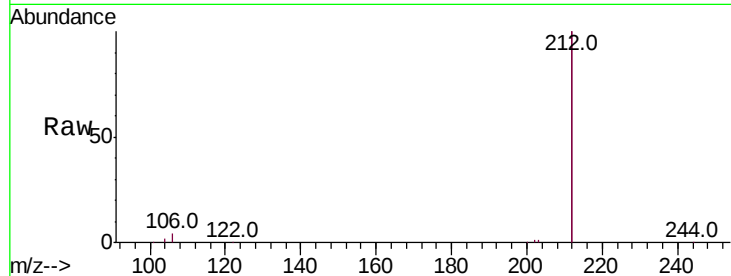
ClientSampleId :

EXT-073-SW067-042219MSD

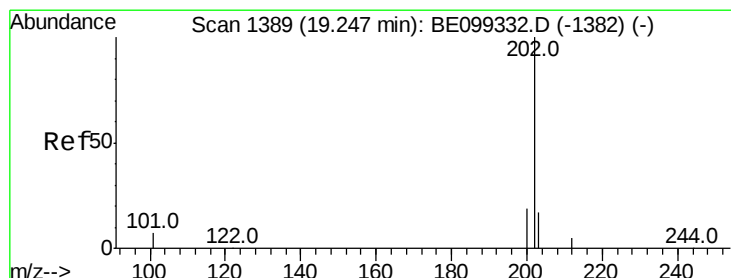
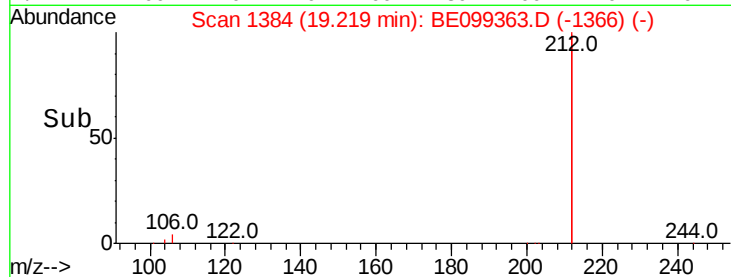
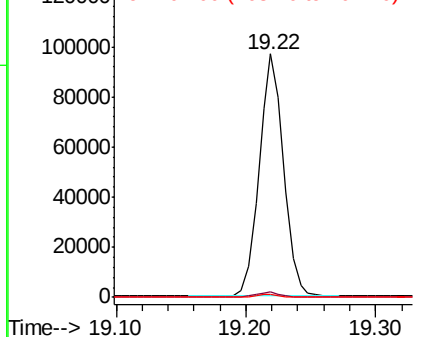
Tot Ion:	212	Resp:	125901
Ion Ratio	Lower	Upper	
212	100		
106	2.1	1.8	2.6
104	1.1	1.0	1.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.564 ng

RT: 19.25 min Scan# 1389

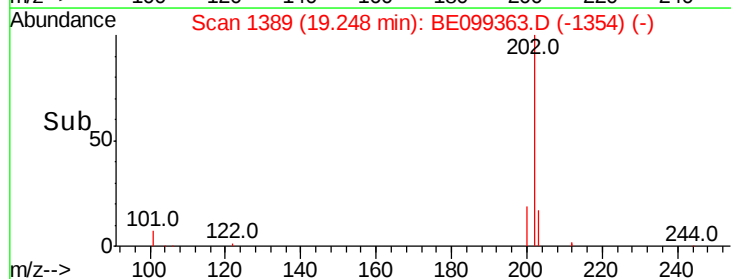
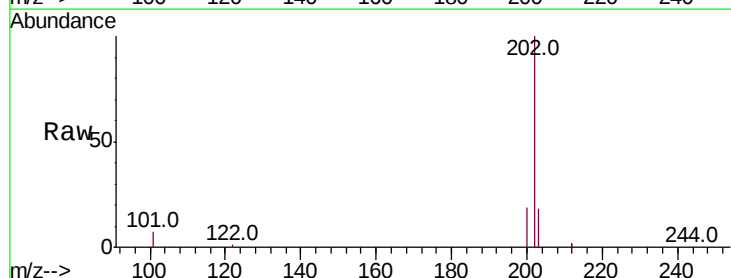
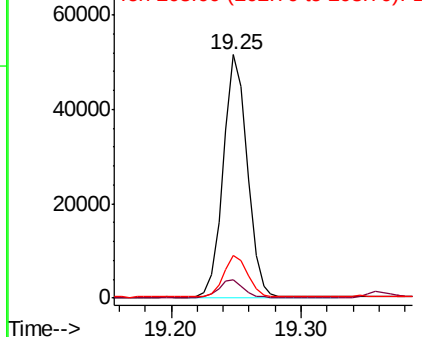
Delta R.T. 0.00 min

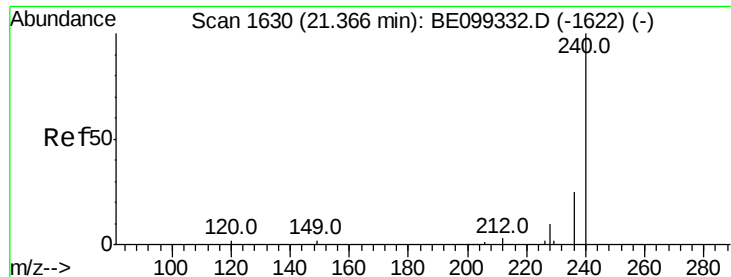
Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:	202	Resp:	65946
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.4	9.6
203	17.2	13.5	20.3

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

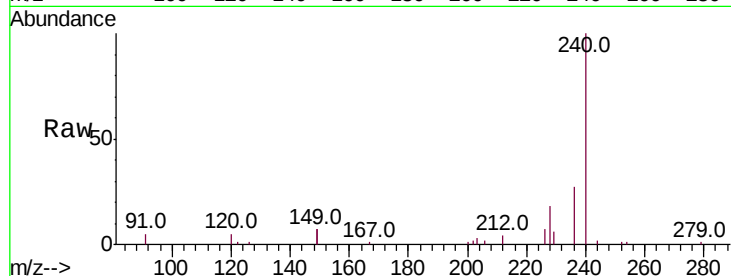
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	2.2	3.2#
236	27.3	20.2	30.4

Manual Integrations
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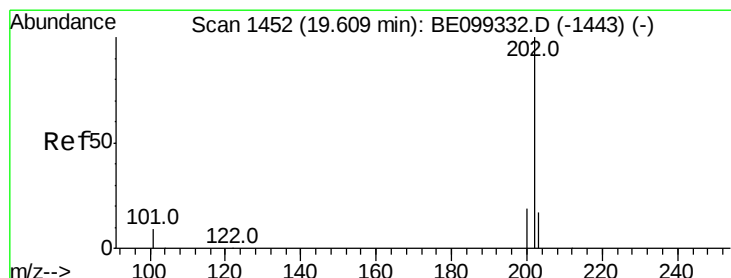
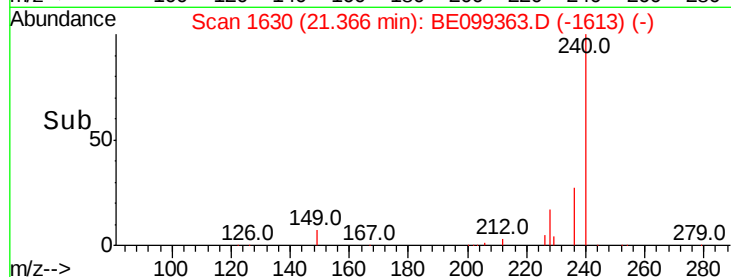
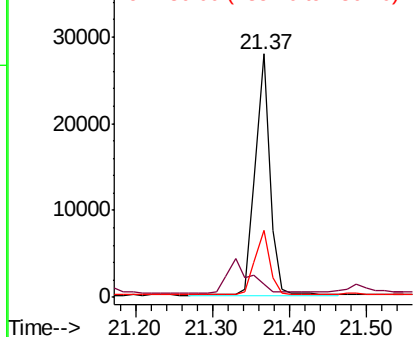


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.607 ng

RT: 19.61 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

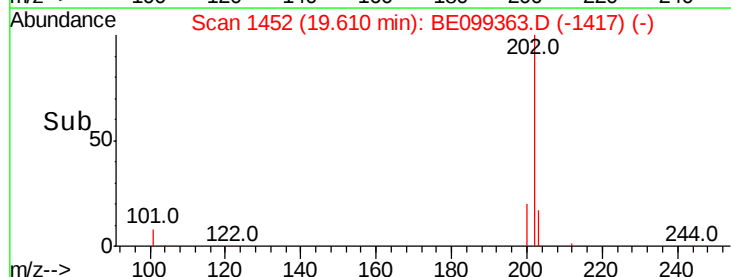
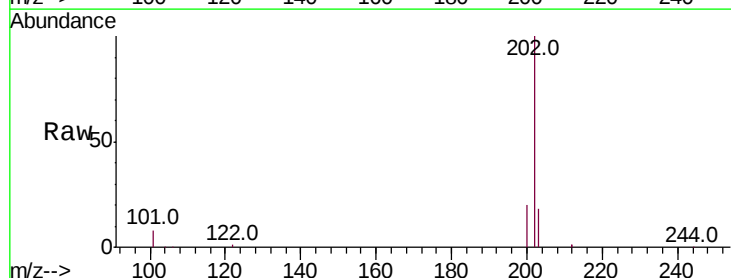
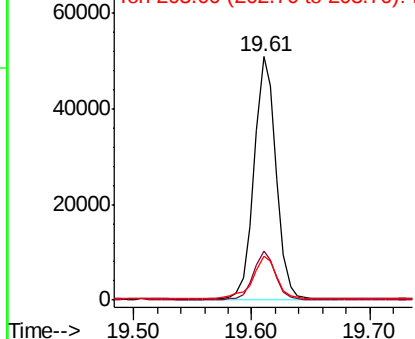
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	19.1	13.7	20.5

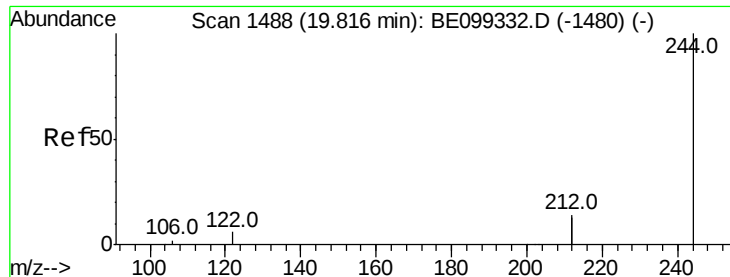
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.301 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:244 Resp: 21838

Ion Ratio Lower Upper

244 100

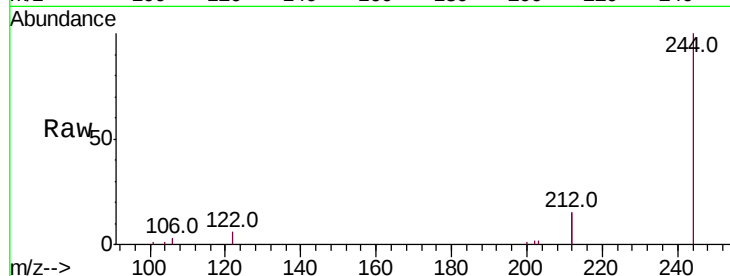
212 31.0 22.6 33.8

122 6.0 4.6 7.0

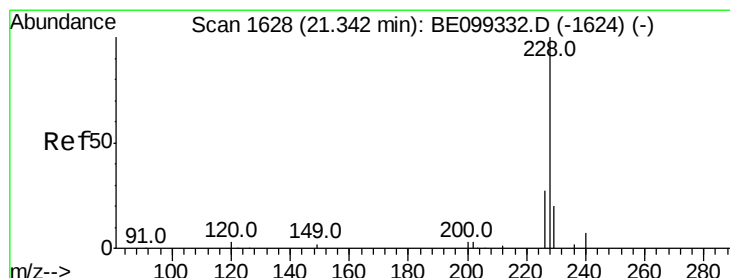
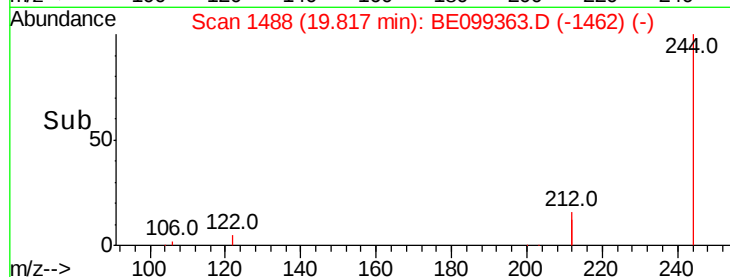
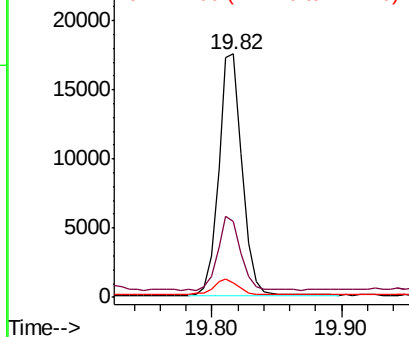
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.583 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

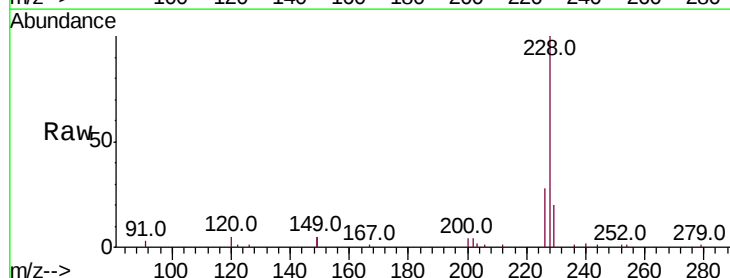
Tgt Ion:228 Resp: 63178

Ion Ratio Lower Upper

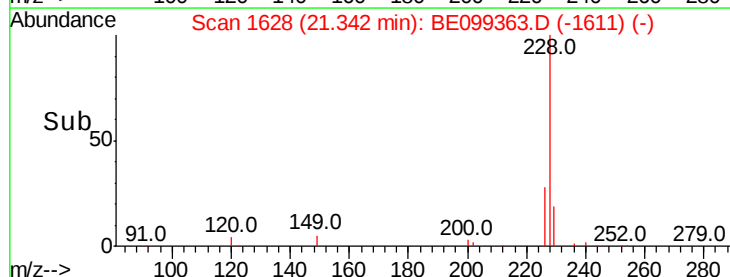
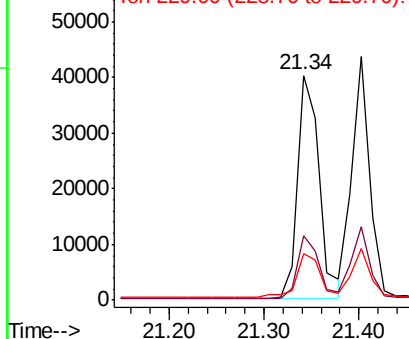
228 100

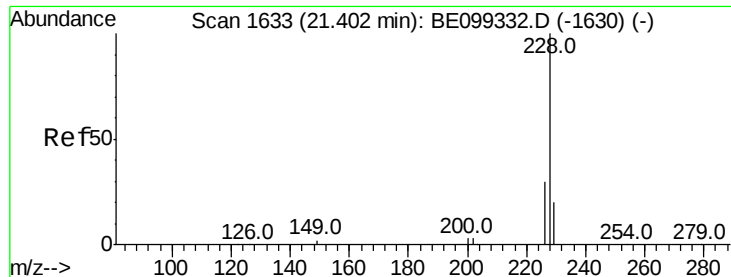
226 28.4 22.0 33.0

229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





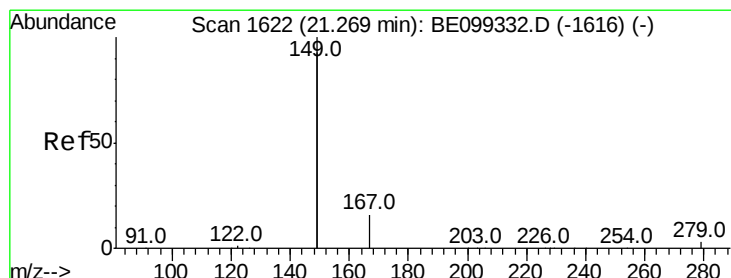
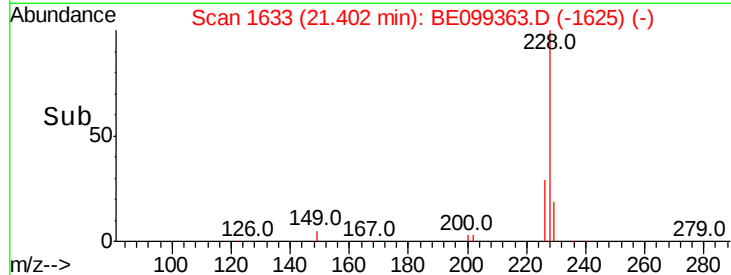
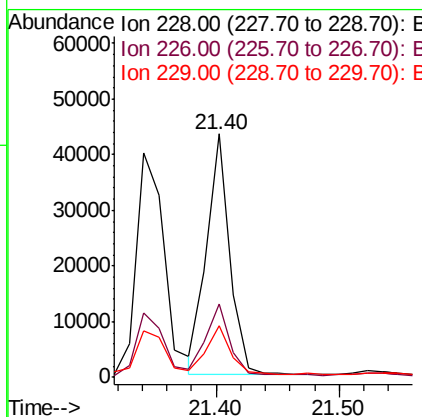
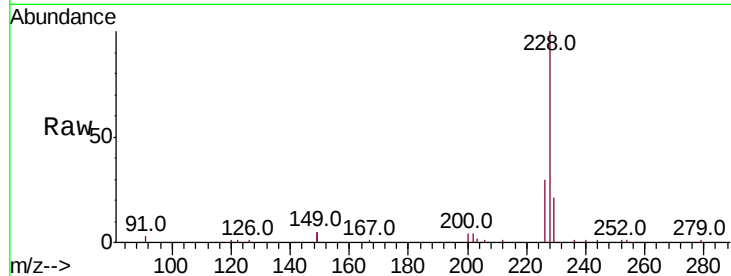
#31
 Chrysene
 Concen: 0.489 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE099363.D
 Acq: 25 Apr 2019 16:14

Instrument :
 BNA_E
 ClientSampleId :
 EXT-073-SW067-042219MSD

Tot Ion:	228	Resp:	56361
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	21.0	16.2	24.2

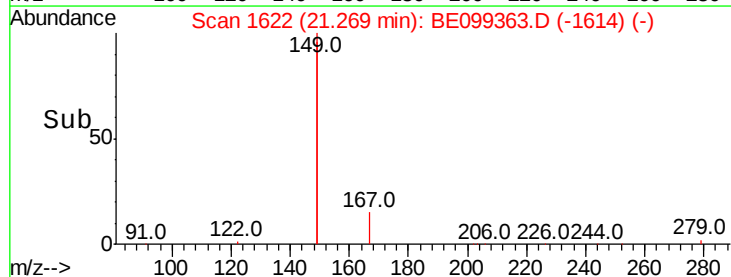
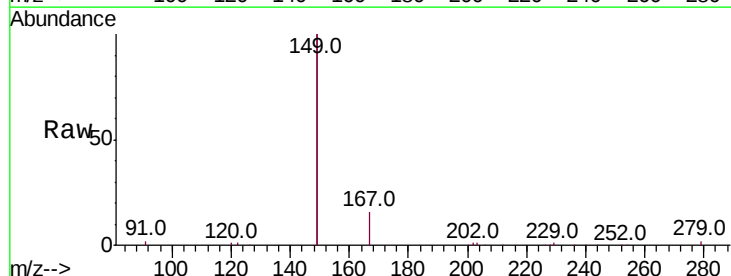
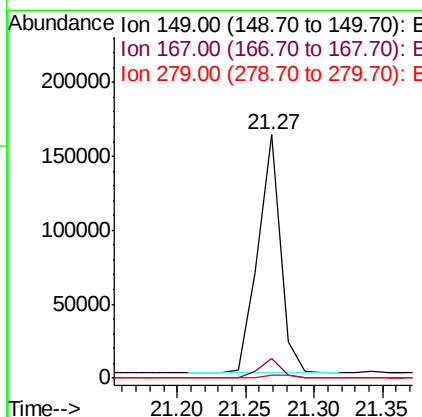
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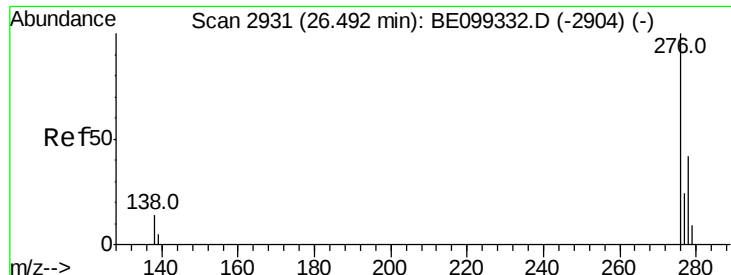
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.870 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE099363.D
 Acq: 25 Apr 2019 16:14

Tgt Ion:	149	Resp:	184358
Ion Ratio	Lower	Upper	
149	100		
167	7.6	6.0	9.0
279	1.4	1.1	1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.500 ng

RT: 26.51 min Scan# 2935

Delta R.T. 0.01 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

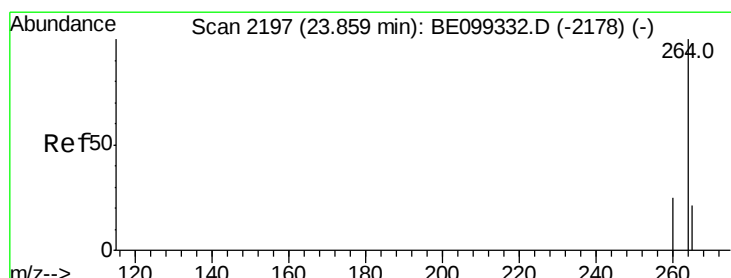
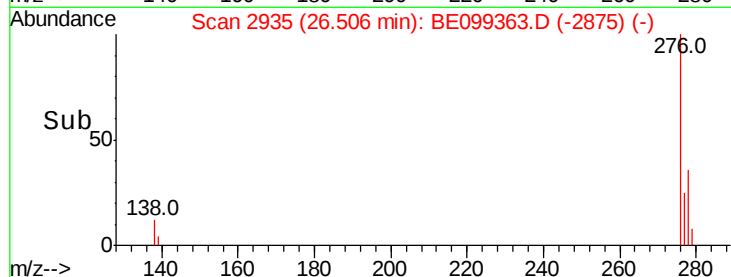
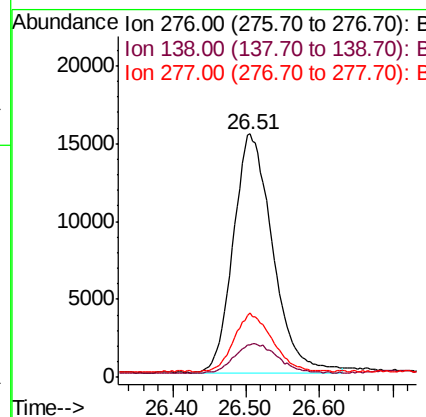
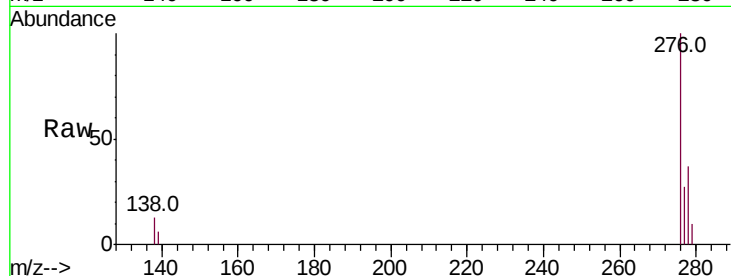
ClientSampleId :

EXT-073-SW067-042219MSD

Tot Ion:	276	Resp:	56940
Ion Ratio	Lower	Upper	
276	100		
138	13.5	12.7	19.1
277	23.7	19.6	29.4

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#34

Perylene-d12

Concen: 0.400 ng

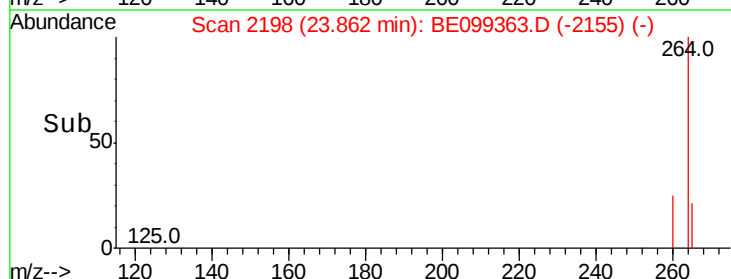
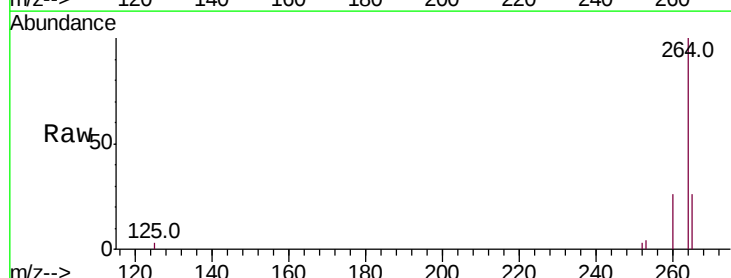
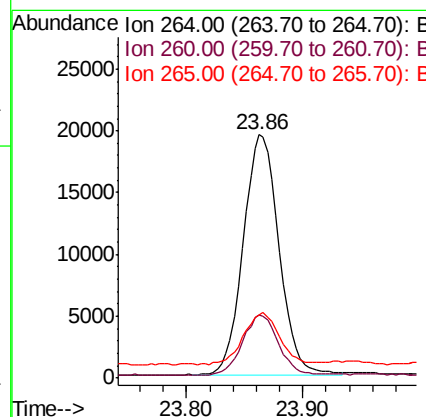
RT: 23.86 min Scan# 2198

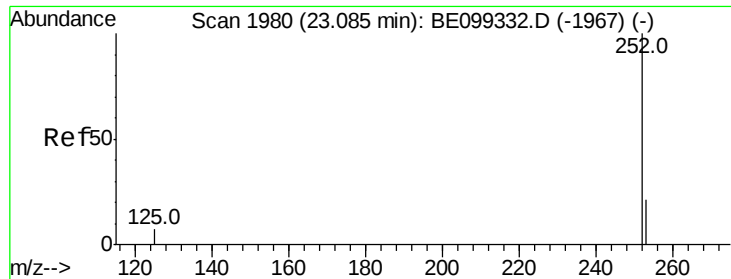
Delta R.T. 0.00 min

Lab File: BE099363.D

Acq: 25 Apr 2019 16:14

Tgt Ion:	264	Resp:	41492
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.1	30.1
265	26.2	19.9	29.9





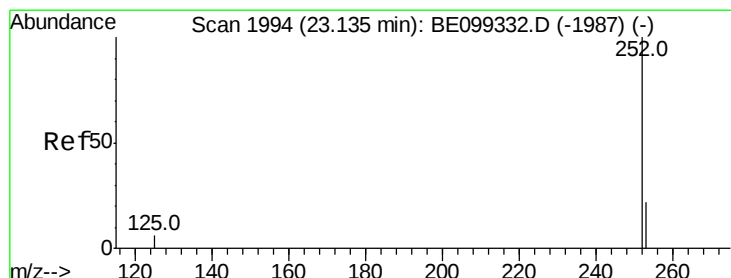
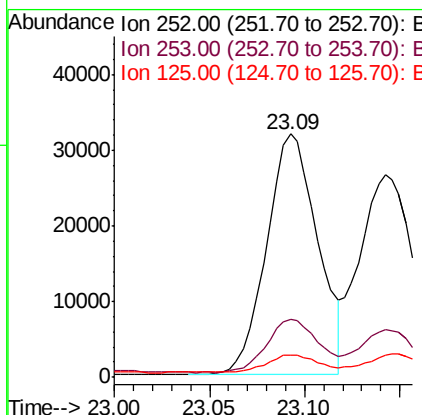
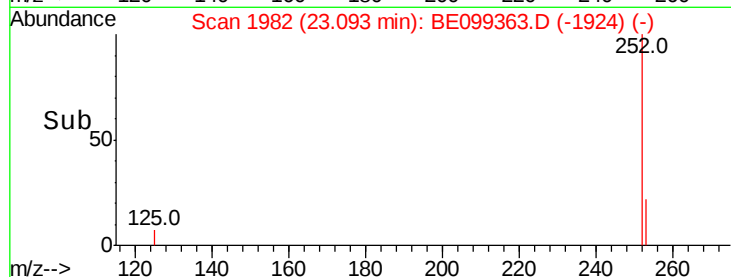
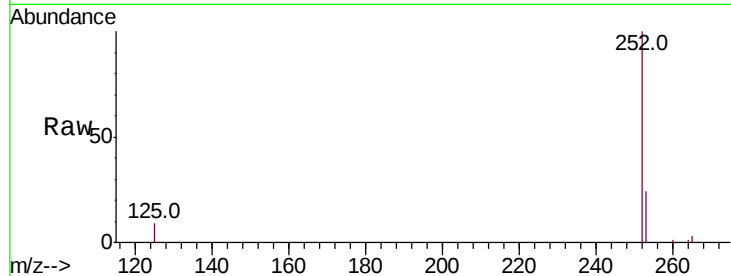
#35
Benzo(b)fluoranthene
Concen: 0.467 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	9.1	5.8	8.6

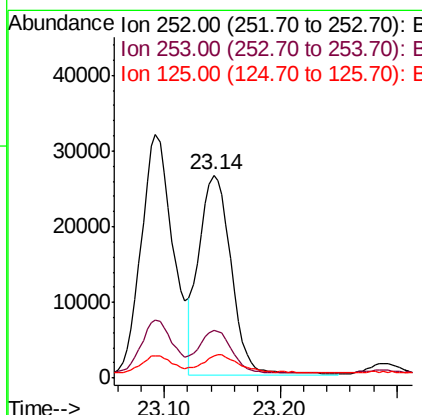
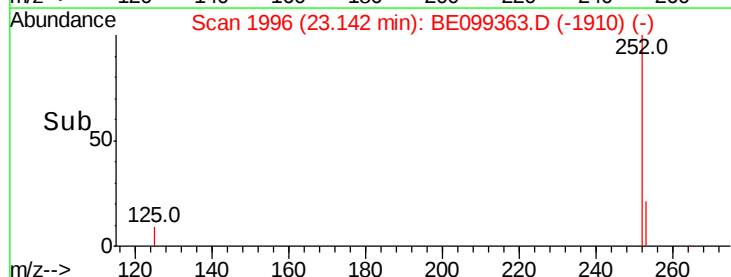
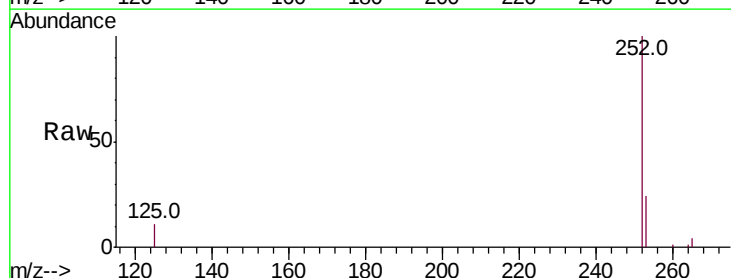
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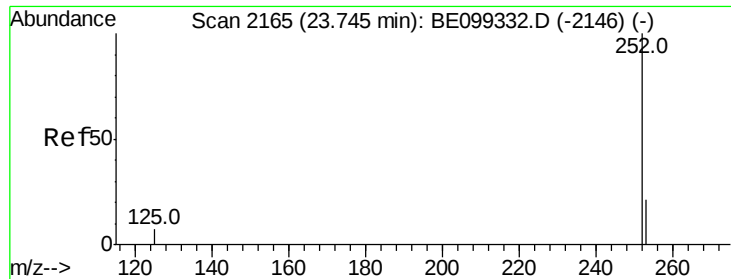
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#36
Benzo(k)fluoranthene
Concen: 0.401 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	11.1	5.4	8.0





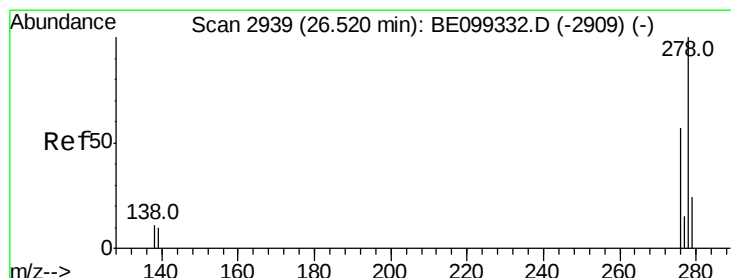
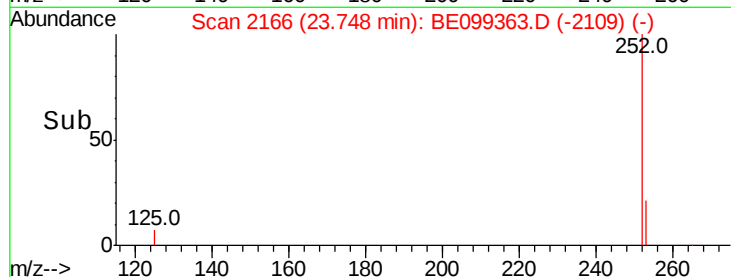
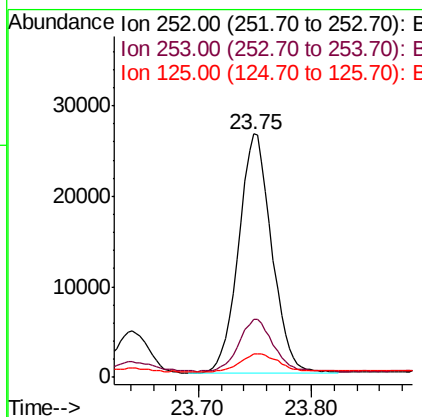
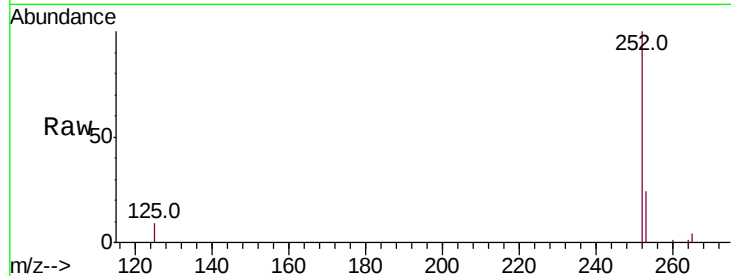
#37
Benzo(a)pyrene
Concen: 0.471 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Instrument :
BNA_E
ClientSampleId :
EXT-073-SW067-042219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	9.5	6.5	9.7

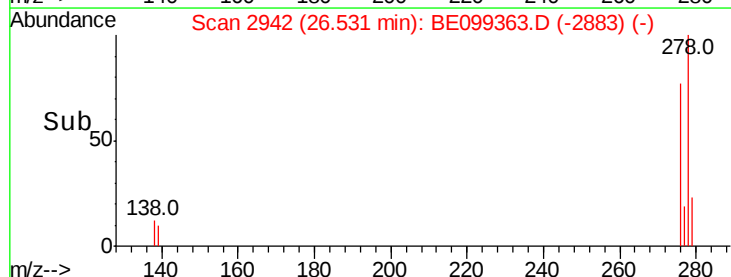
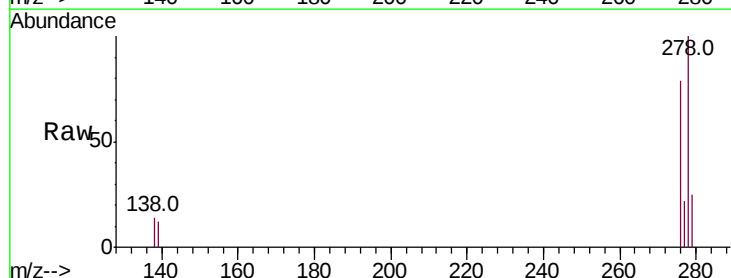
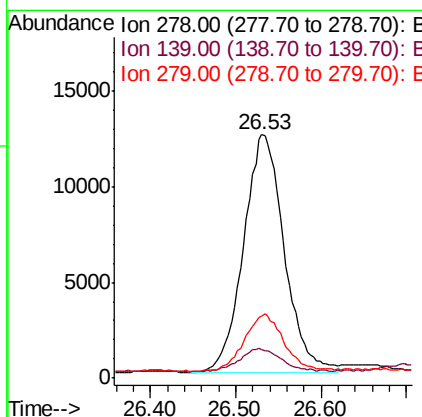
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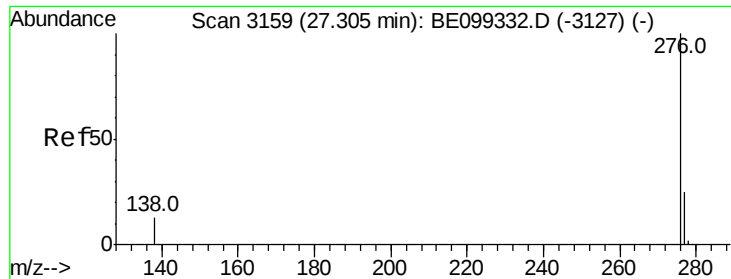
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#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.53 min Scan# 2942
Delta R.T. 0.01 min
Lab File: BE099363.D
Acq: 25 Apr 2019 16:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.5	12.7
279	25.4	19.8	29.8





#39

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 27.32 min Scan# 3164

Delta R.T. 0.02 min

Lab File: BE099363.D

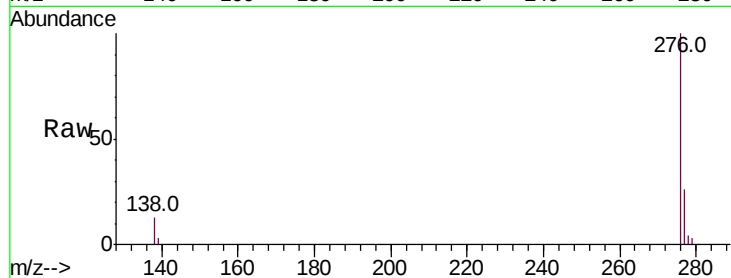
Acq: 25 Apr 2019 16:14

Instrument :

BNA_E

ClientSampleId :

EXT-073-SW067-042219MSD



Tot Ion:	276	Resp:	47566
Ion Ratio	Lower	Upper	
276	100		
277	25.6	20.0	30.0
138	13.2	11.1	16.7

Manual Integrations
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