

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
 Data File : BE099367.D
 Acq On : 25 Apr 2019 18:37
 Operator : JU/SJ
 Sample : K2534-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-074-SW063-042219

Manual Integrations
 APPROVED

Sohil
 4/29/2019 2:29:48 AM

Quant Time: Apr 26 02:27:13 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	4474	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	18201	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	13067	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	34703	0.40	ng	0.00
27) Chrysene-d12	21.37	240	37089	0.40	ng	0.00
34) Perylene-d12	23.86	264	41748	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	5234	0.48	ng	0.01
5) Phenol-d6	6.98	99	8840	0.57	ng	0.00
8) Nitrobenzene-d5	8.96	82	6451	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	12119	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	4936	1.14	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	19663	0.38	ng	0.00
25) Fluoranthene-d10	19.22	212	145226	0.35	ng	0.00
29) Terphenyl-d14	19.82	244	34499	0.47	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.23	178	15081	0.164	ng	99
24) Anthracene	17.32	178	2072	0.025	ng	# 83
26) Fluoranthene	19.25	202	39772	0.323	ng	98
28) Pyrene	19.61	202	36987	0.338	ng	# 95
30) Benzo(a)anthracene	21.34	228	22564	0.207	ng	96
31) Chrysene	21.40	228	23616m	0.204	ng	
32) Bis(2-ethylhexyl)phthalate	21.27	149	200490	2.021	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	13937	0.122	ng	# 95
35) Benzo(b)fluoranthene	23.09	252	29257	0.229	ng	# 81
36) Benzo(k)fluoranthene	23.14	252	11505m	0.090	ng	
37) Benzo(a)pyrene	23.75	252	19893	0.174	ng	# 81
38) Dibenzo(a,h)anthracene	26.53	278	3912	0.033	ng	# 49
39) Benzo(a,h,i)perylene	27.33	276	13351	0.113	ng	# 92

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

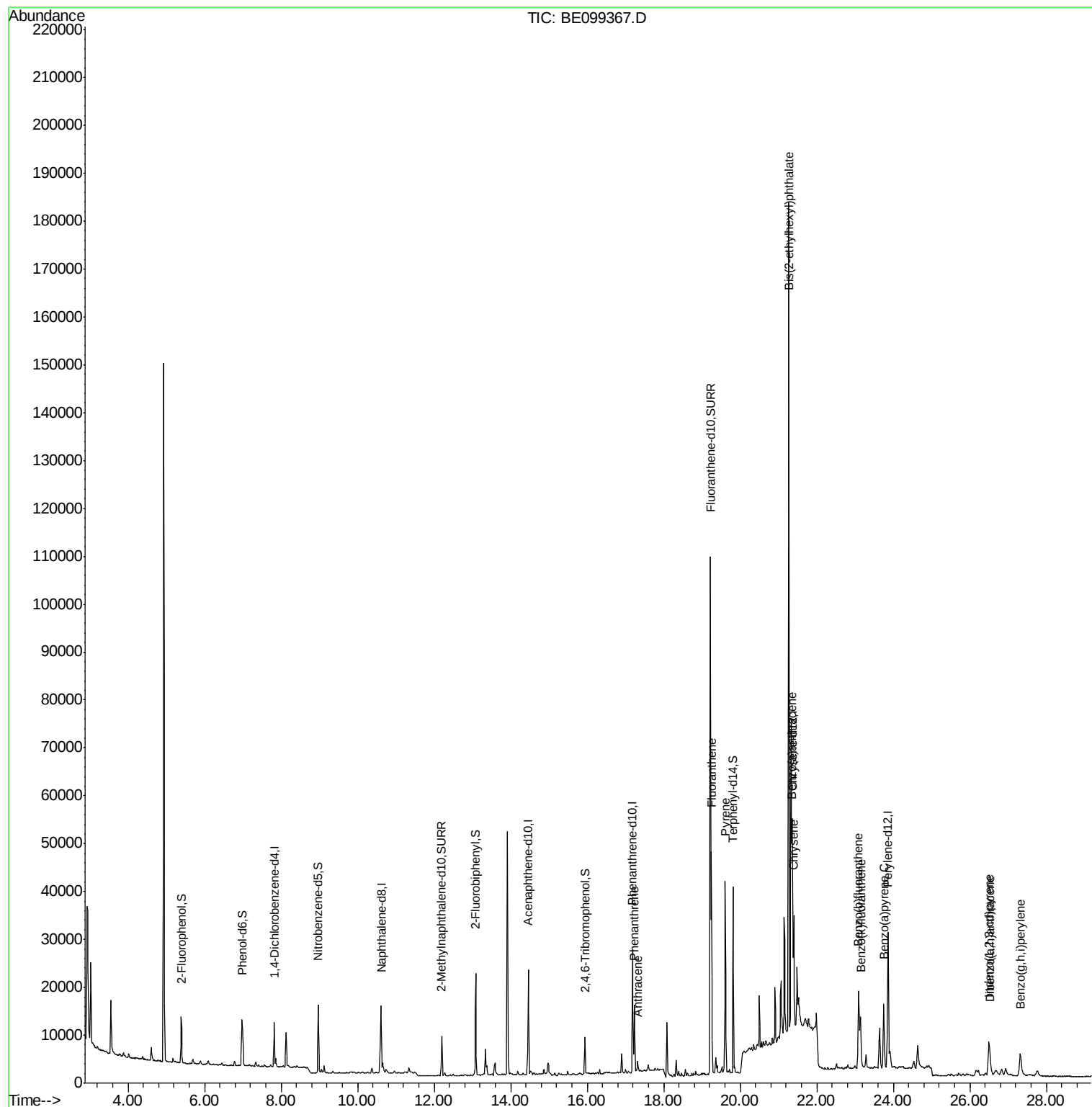
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042519\
Data File : BE099367.D
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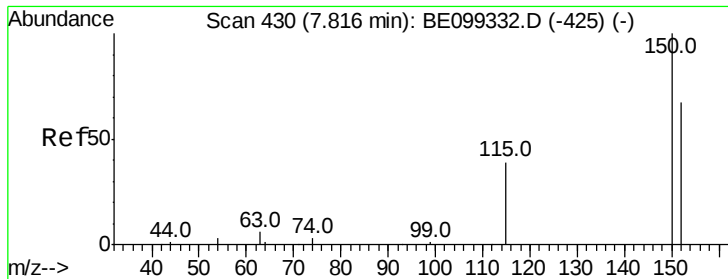
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#1

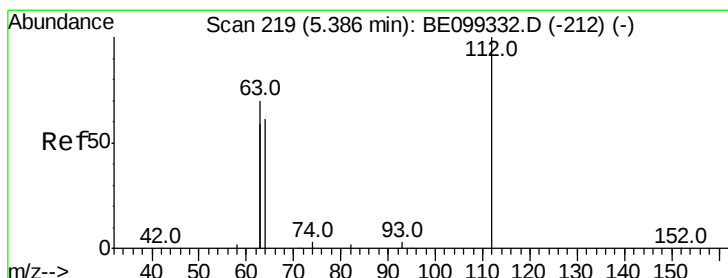
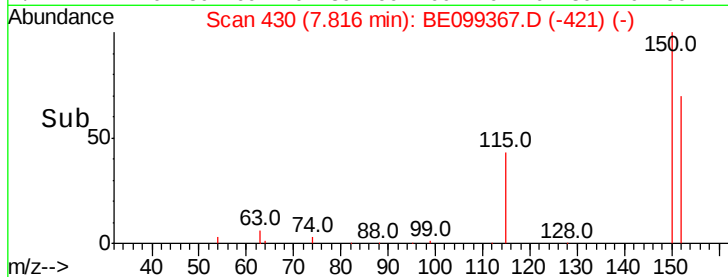
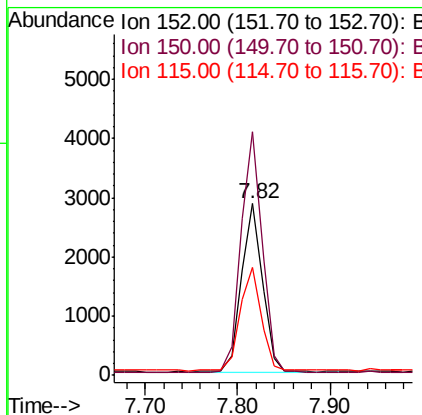
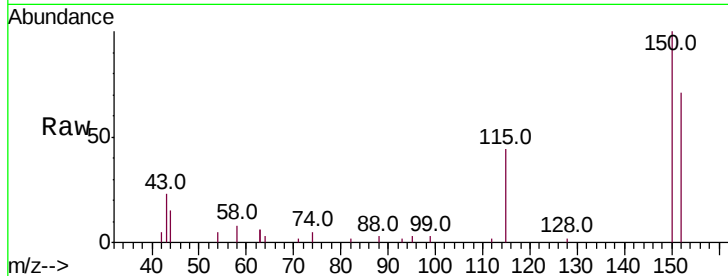
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW063-042219

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	119.5	179.3
115	62.5	47.5	71.3

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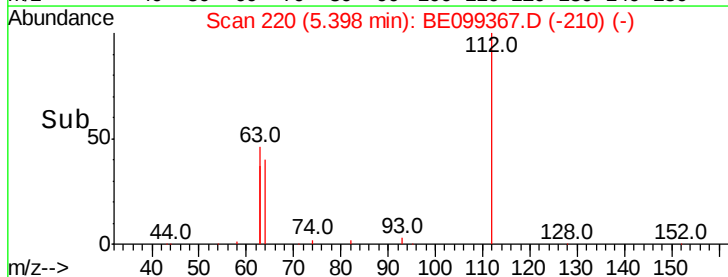
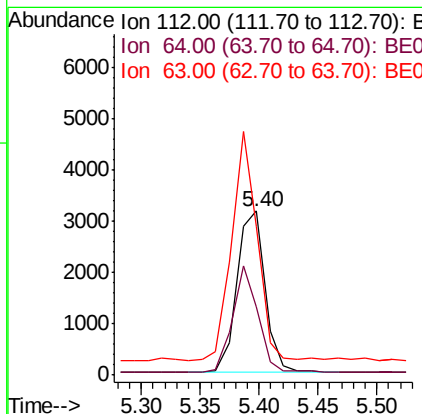
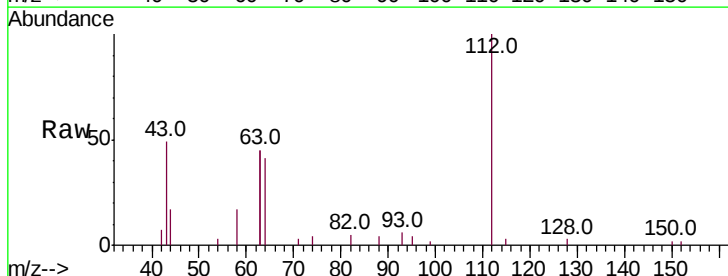
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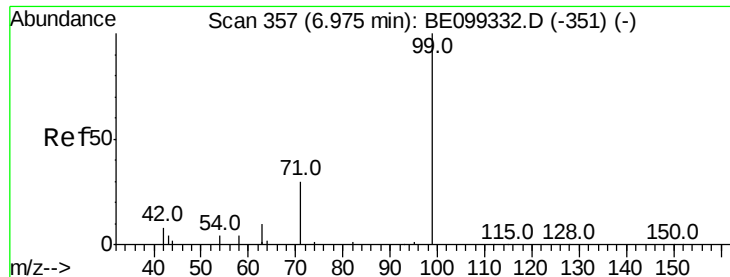


#4

2-Fluorophenol
Concen: 0.479 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.9	67.3
63	127.3	97.4	146.0





#5

Phenol-d6

Concen: 0.567 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

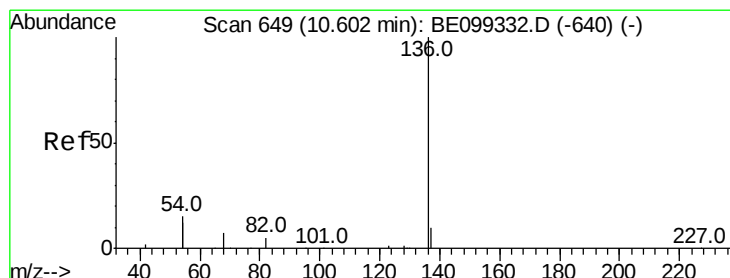
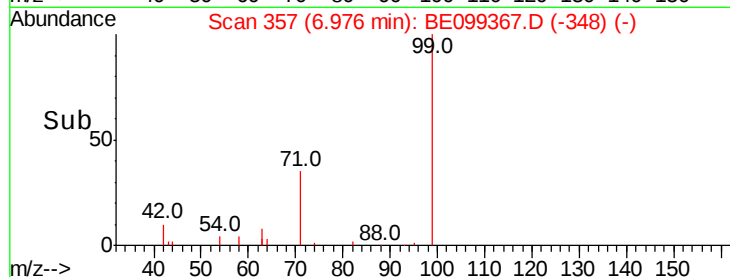
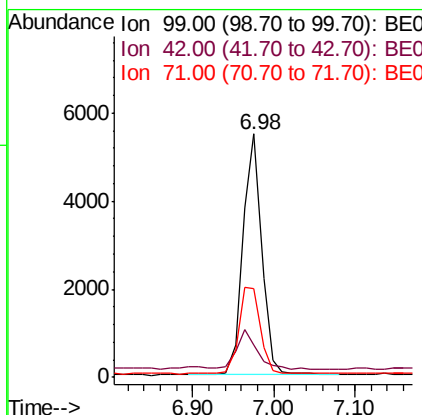
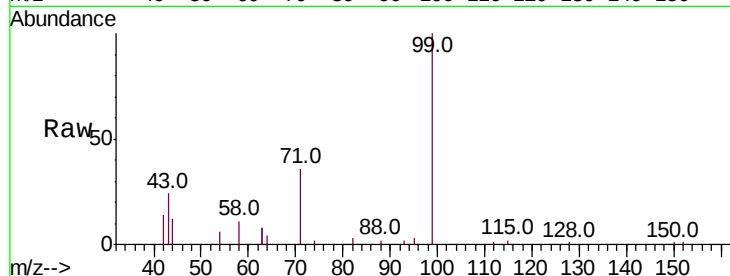
ClientSampleId :

EXT-074-SW063-042219

Tot Ion:	99	Resp:	8840
Ion	Ratio	Lower	Upper
99	100		
42	17.3	11.7	17.5
71	40.2	29.6	44.4

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#7

Naphthalene-d8

Concen: 0.400 ng

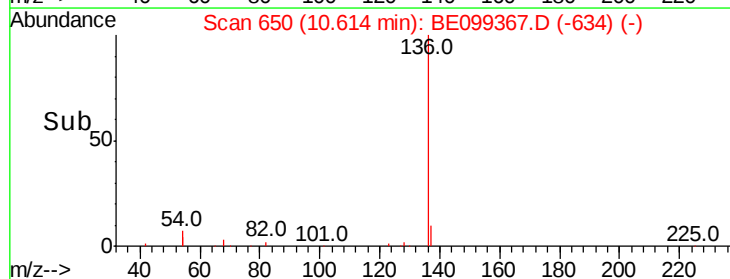
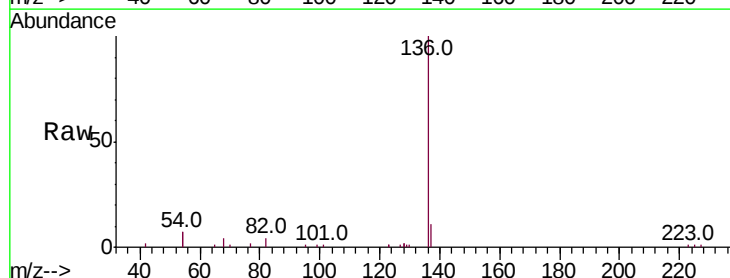
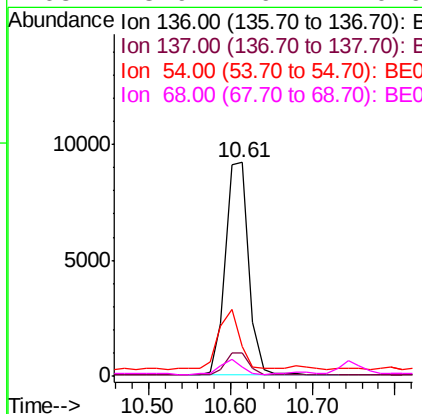
RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:	136	Resp:	18201
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	13.9	23.8	35.8#
68	3.9	6.4	9.6#





#8

Nitrobenzene-d5

Concen: 0.457 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

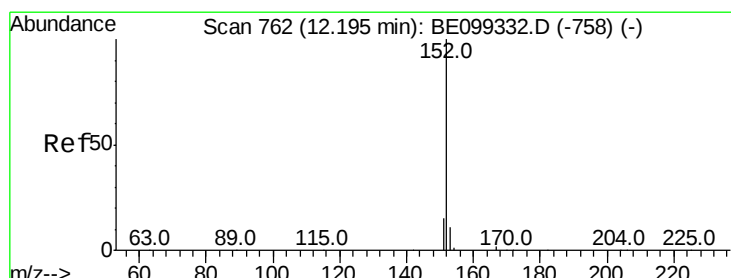
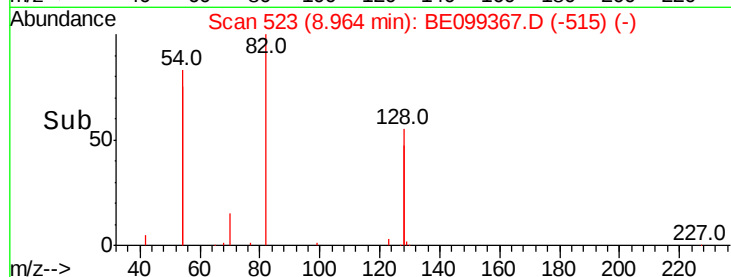
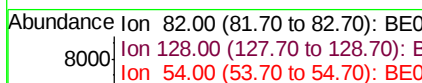
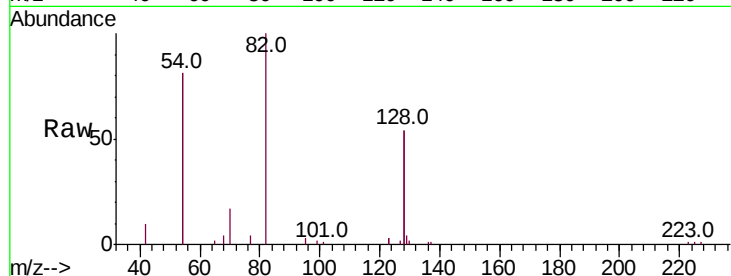
ClientSampleId :

EXT-074-SW063-042219

Tot Ion:	82	Resp:	6451
Ion	Ratio	Lower	Upper
82	100		
128	108.3	91.7	137.5
54	162.9	122.8	184.2

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#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

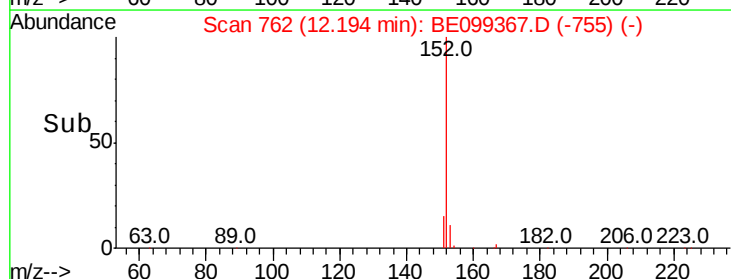
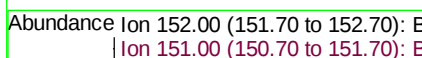
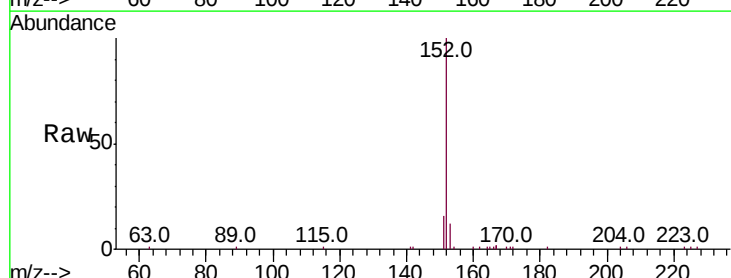
RT: 12.19 min Scan# 762

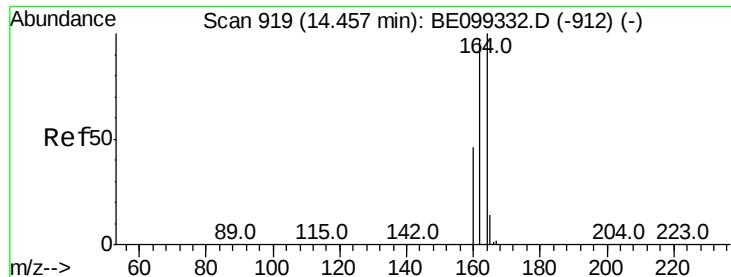
Delta R.T. -0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:	152	Resp:	12119
Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.9	22.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

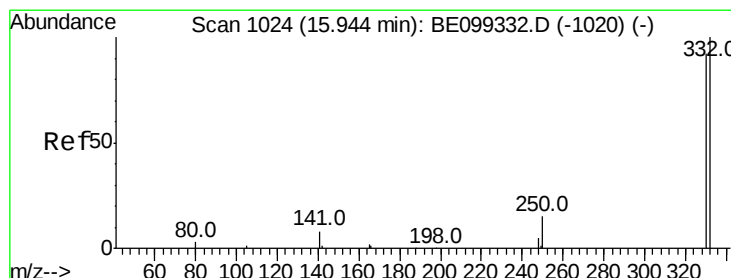
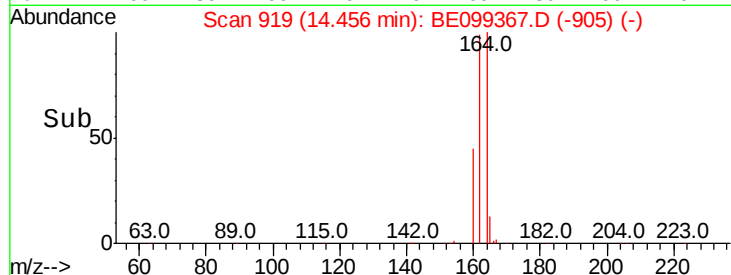
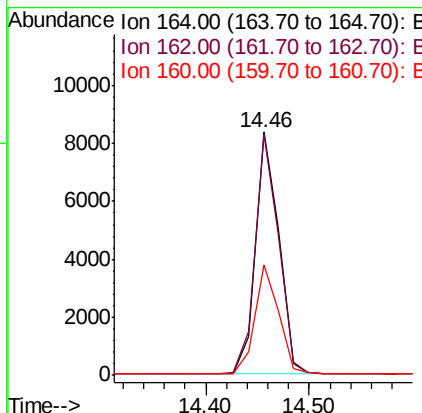
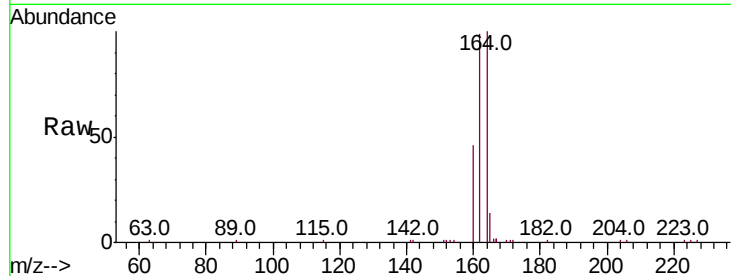
ClientSampleId :

EXT-074-SW063-042219

Tot Ion:	164	Resp:	13067
Ion Ratio	Lower	Upper	
164	100		
162	99.2	77.8	116.6
160	45.5	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 1.137 ng

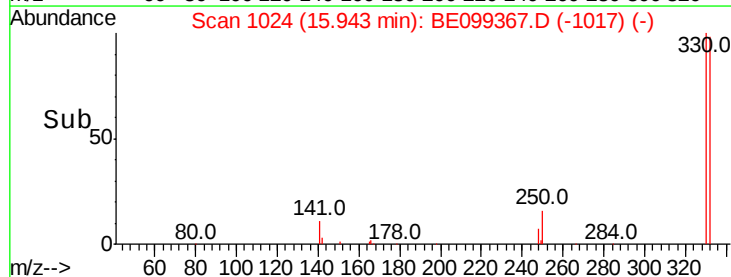
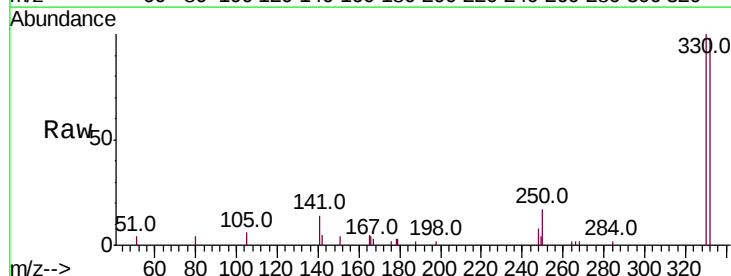
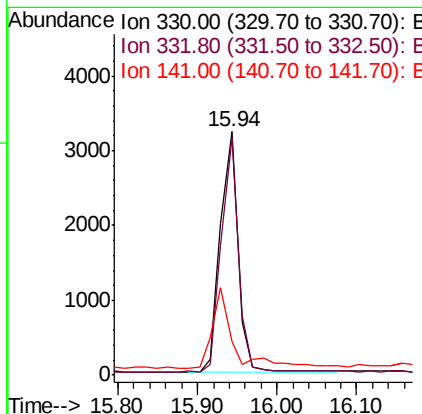
RT: 15.94 min Scan# 1024

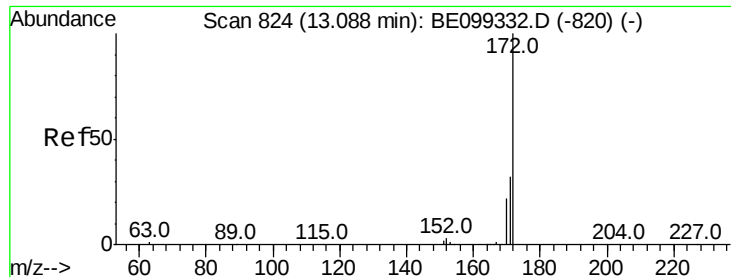
Delta R.T. -0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:	330	Resp:	4936
Ion Ratio	Lower	Upper	
330	100		
332	95.0	82.5	123.7
141	33.5	24.9	37.3





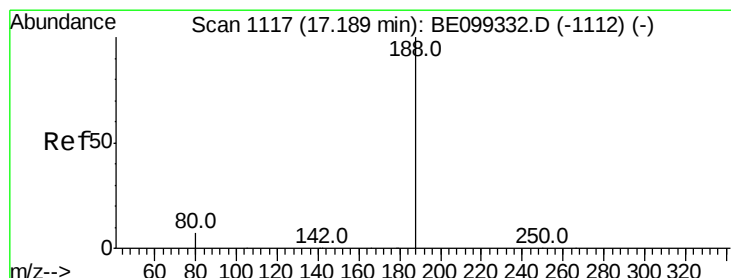
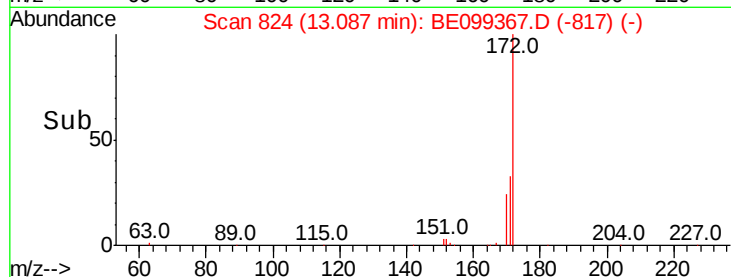
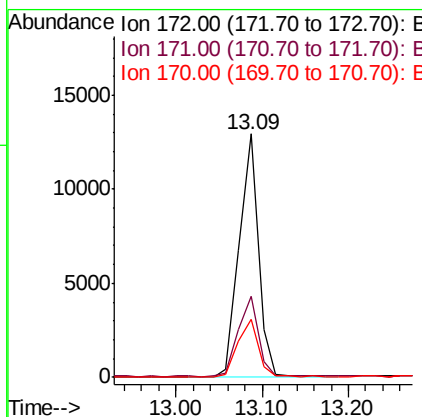
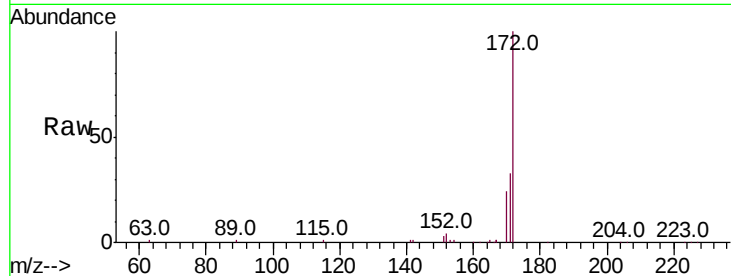
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW063-042219

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.2	39.2
170	23.9	18.1	27.1

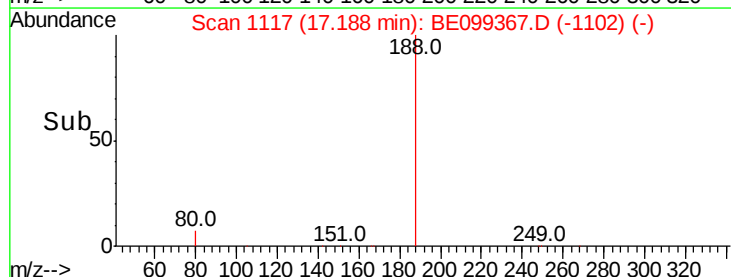
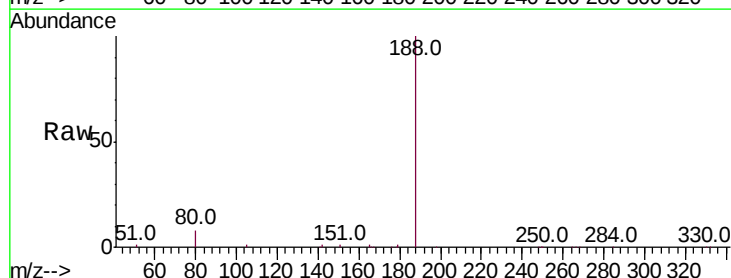
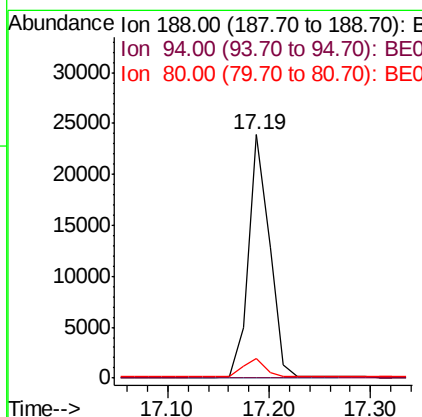
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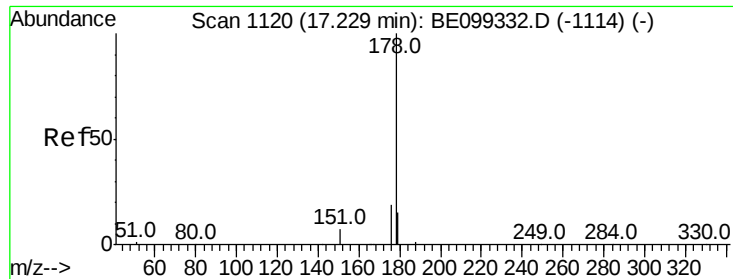
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.2	9.4





#23

Phenanthrene

Concen: 0.164 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

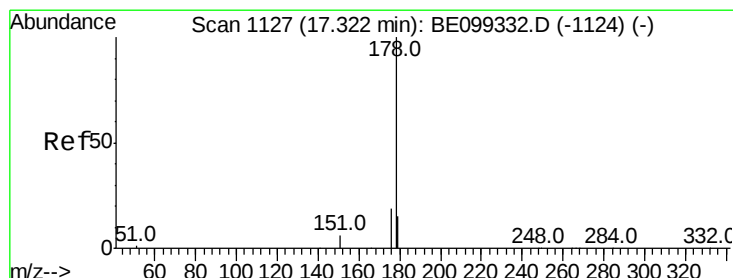
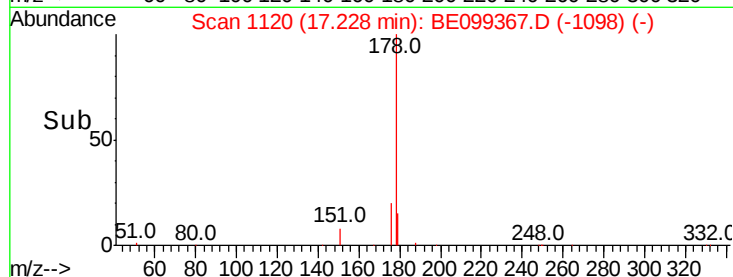
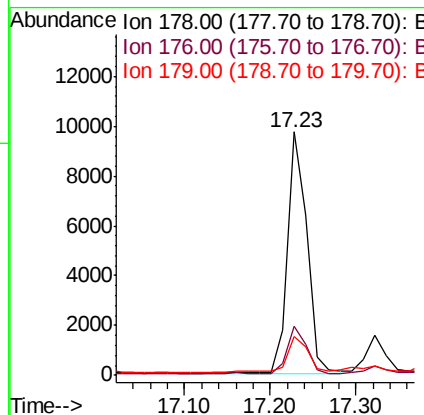
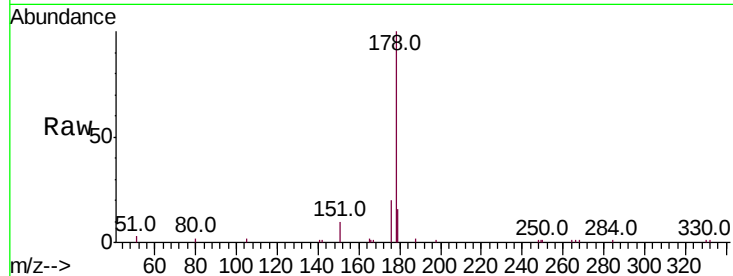
ClientSampleId :

EXT-074-SW063-042219

Tot Ion:178	Resp:	15081
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.3 22.9
179	16.3	12.4 18.6

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#24

Anthracene

Concen: 0.025 ng

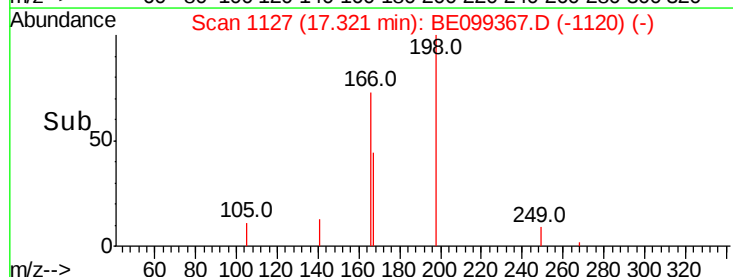
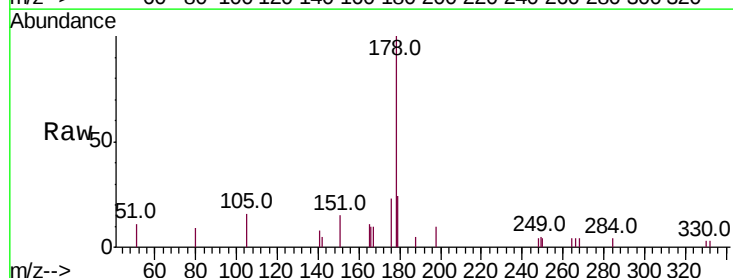
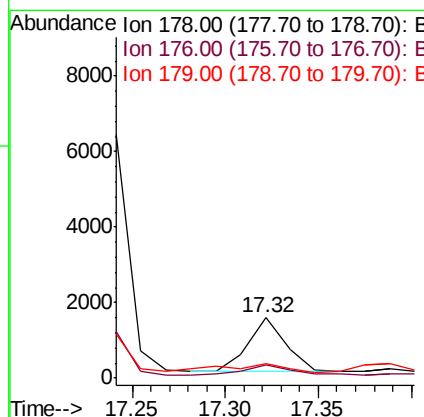
RT: 17.32 min Scan# 1127

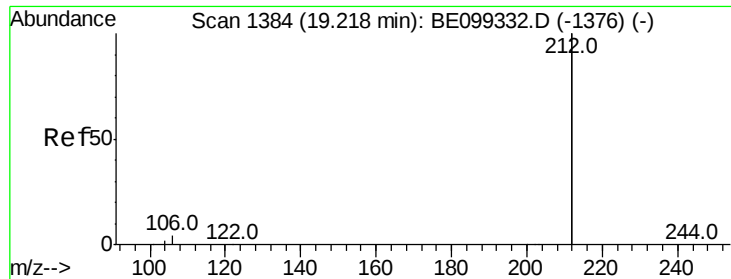
Delta R.T. -0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:178	Resp:	2072
Ion Ratio	Lower	Upper
178	100	
176	22.4	15.1 22.7
179	26.4	11.9 17.9#





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

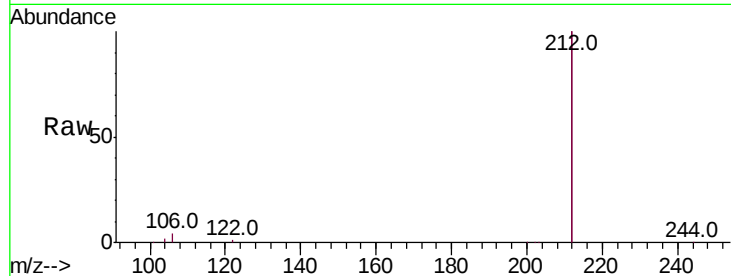
ClientSampleId :

EXT-074-SW063-042219

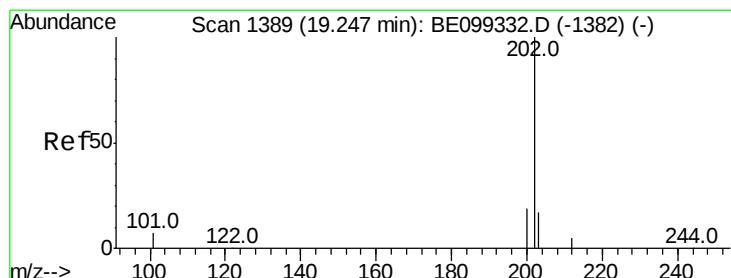
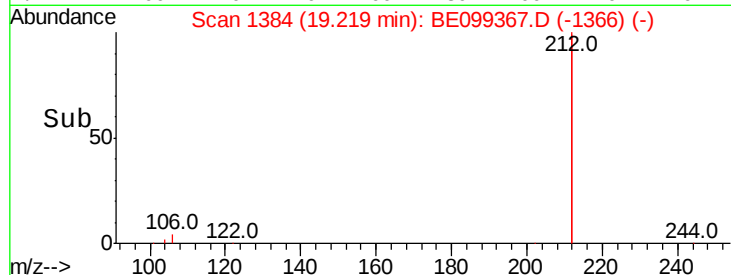
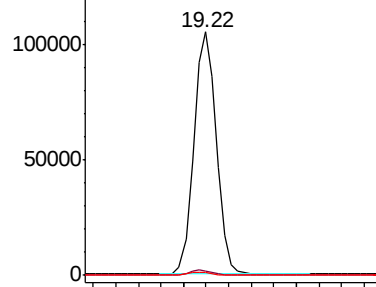
Tot Ion:	212	Resp:	145226
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.8	2.6
104	1.2	1.0	1.4

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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: 0.323 ng

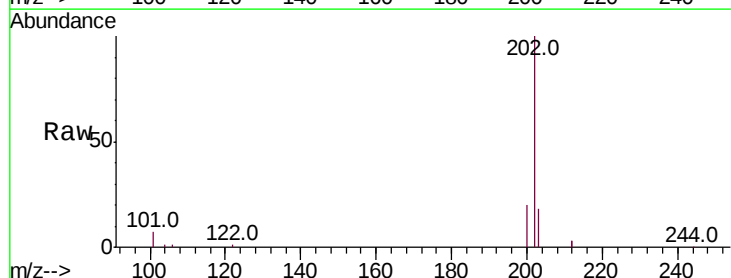
RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

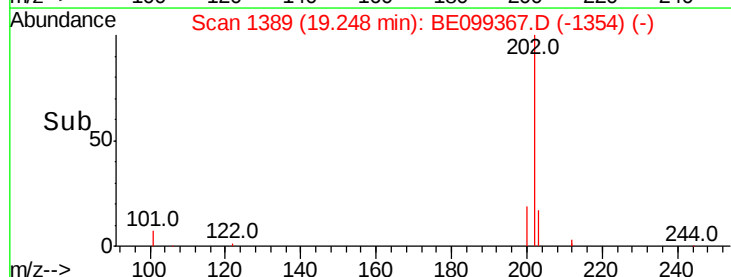
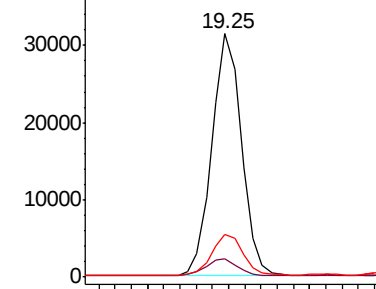
Lab File: BE099367.D

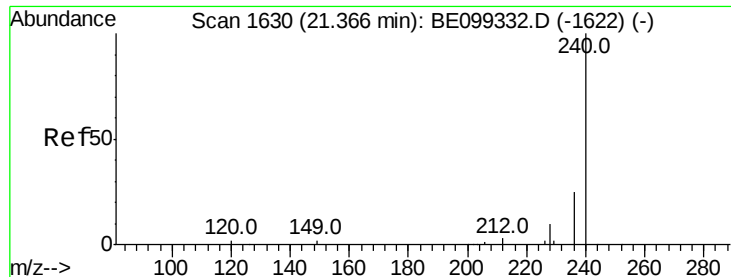
Acq: 25 Apr 2019 18:37

Tgt Ion:	202	Resp:	39772
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.4	9.6
203	17.7	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: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

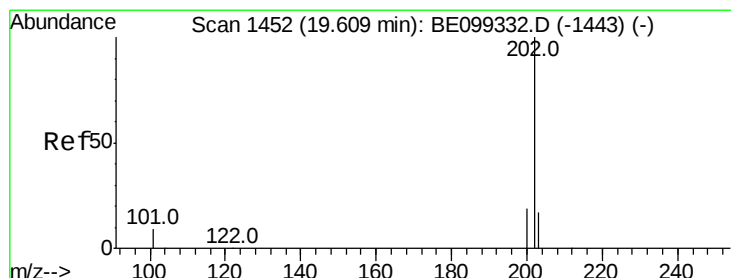
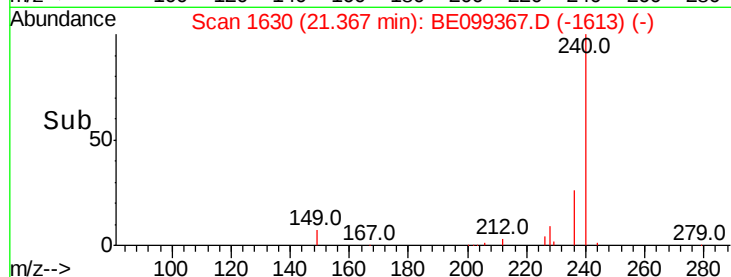
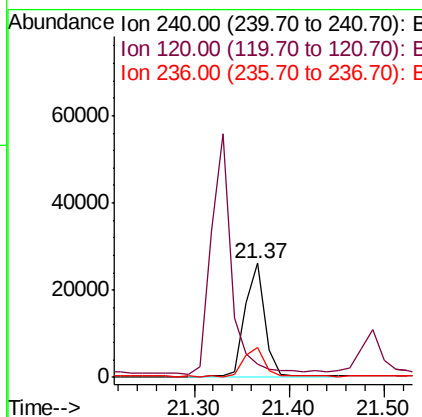
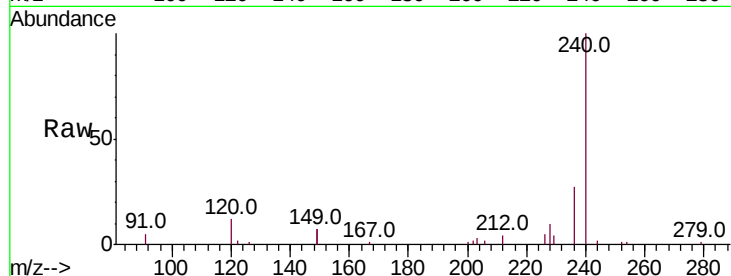
ClientSampleId :

EXT-074-SW063-042219

Tot Ion:240 Resp: 37089
 Ion Ratio Lower Upper
 240 100
 120 12.0 2.2 3.2#
 236 26.7 20.2 30.4

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#28

Pyrene

Concen: 0.338 ng

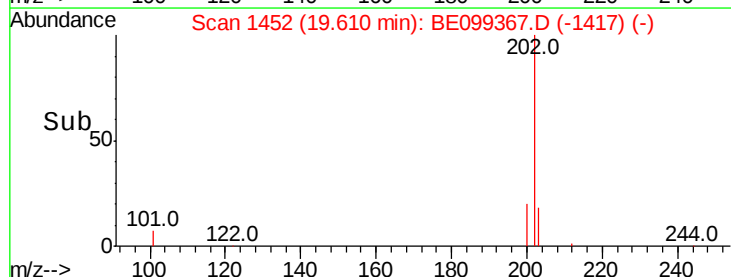
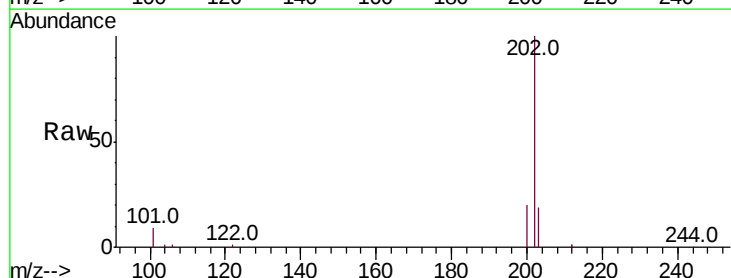
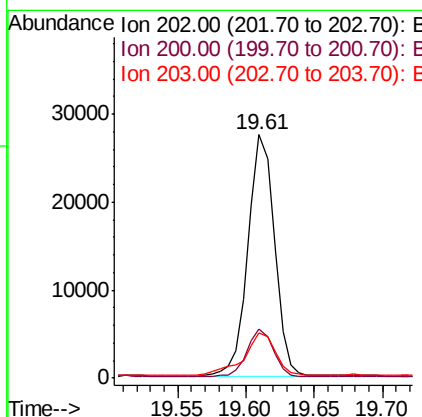
RT: 19.61 min Scan# 1452

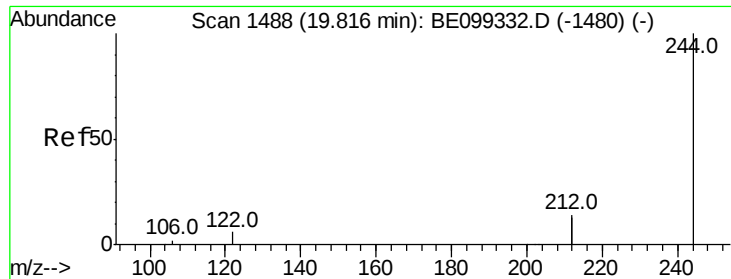
Delta R.T. 0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:202 Resp: 36987
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 21.4 13.7 20.5#





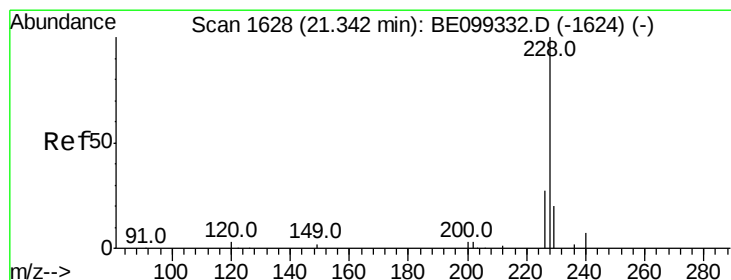
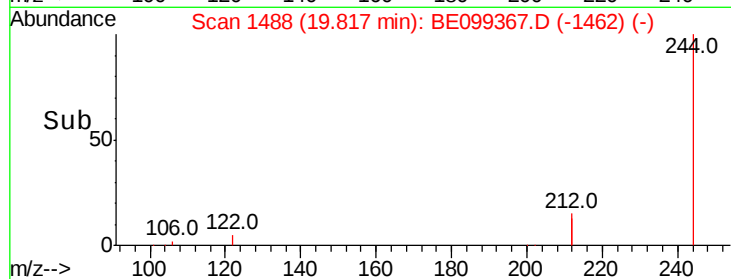
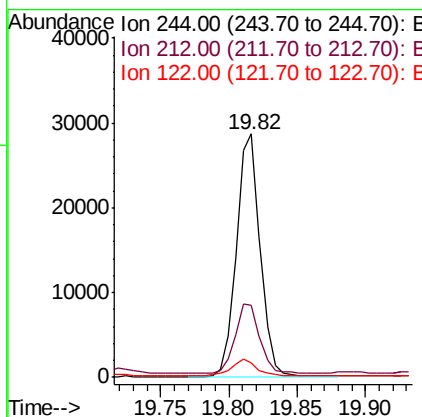
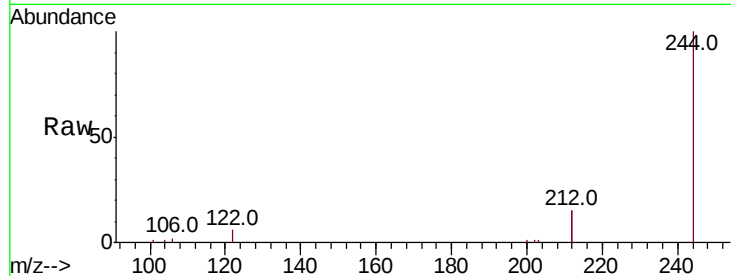
#29
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 19.82 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BE099367.D
 Acq: 25 Apr 2019 18:37

Instrument :
 BNA_E
 ClientSampleId :
 EXT-074-SW063-042219

Tot Ion	Ratio	Lower	Upper
244	100		
212	29.4	22.6	33.8
122	5.9	4.6	7.0

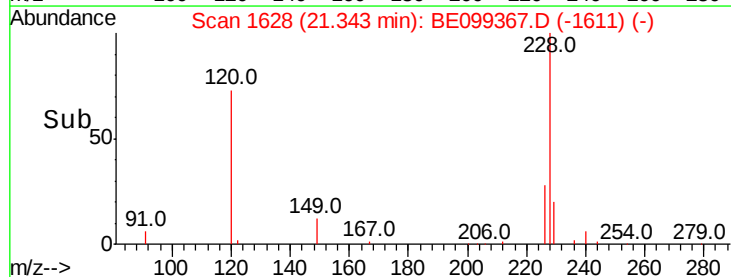
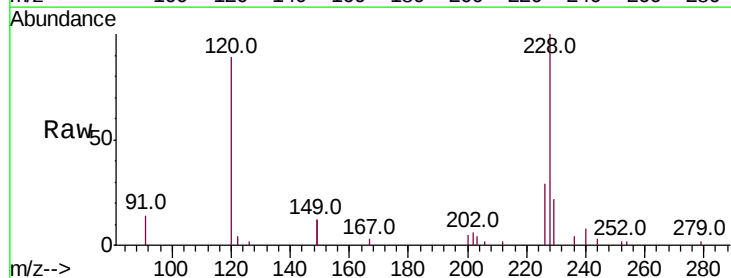
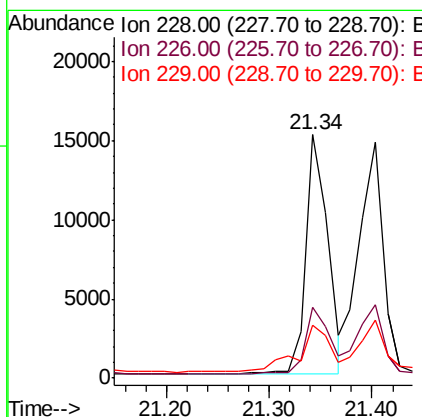
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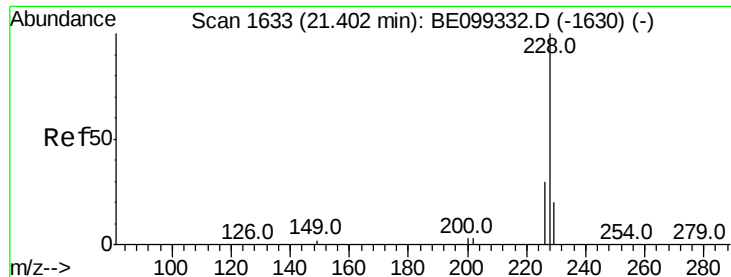
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#30
 Benzo(a)anthracene
 Concen: 0.207 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BE099367.D
 Acq: 25 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.0	33.0
229	21.9	15.8	23.8





#31

Chrysene

Concen: 0.204 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

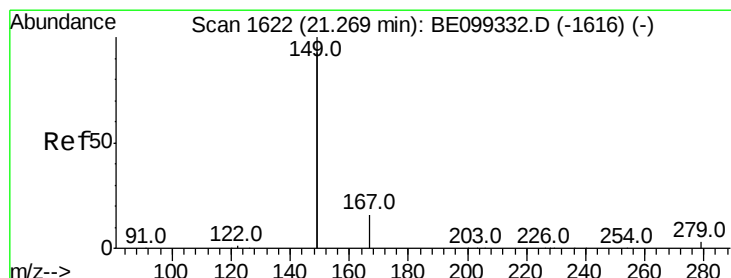
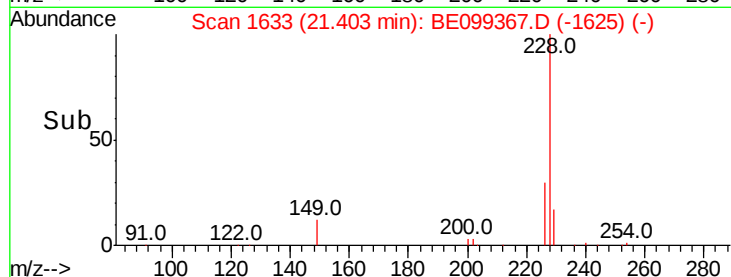
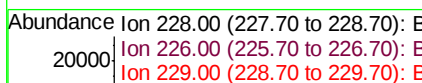
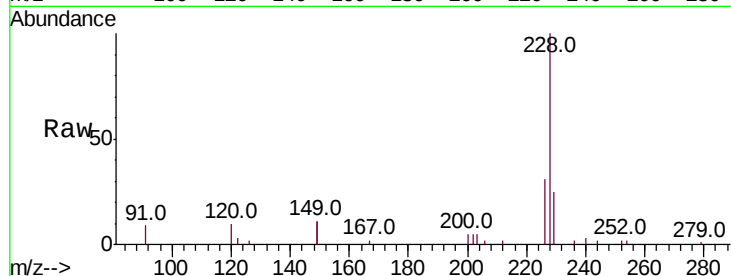
ClientSampleId :

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Tot Ion:	228	Resp:	23616
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.2
229	24.5	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 2.021 ng

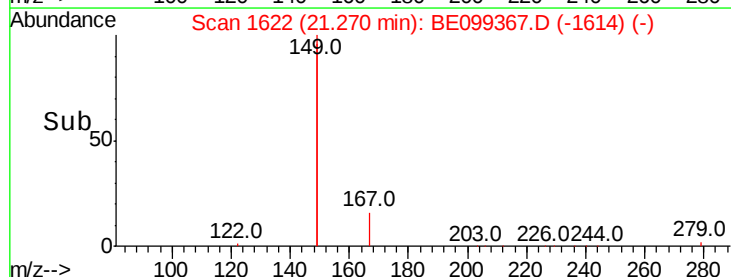
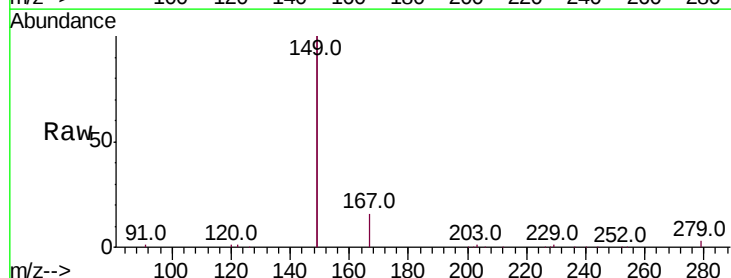
RT: 21.27 min Scan# 1622

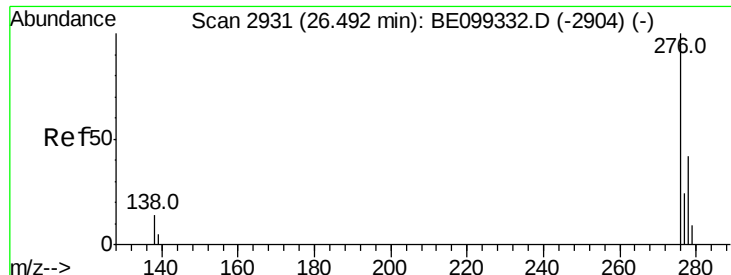
Delta R.T. 0.00 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:	149	Resp:	200490
Ion Ratio	Lower	Upper	
149	100		
167	7.4	6.0	9.0
279	1.3	1.1	1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.122 ng

RT: 26.51 min Scan# 2935

Delta R.T. 0.01 min

Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

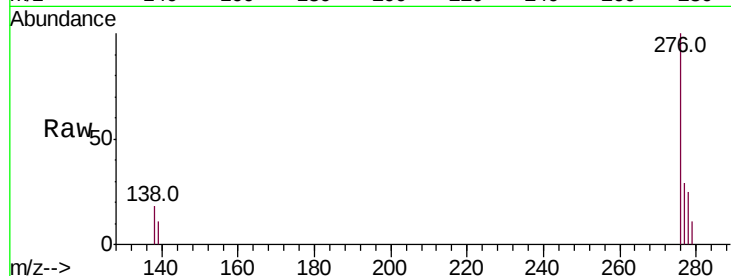
ClientSampleId :

EXT-074-SW063-042219

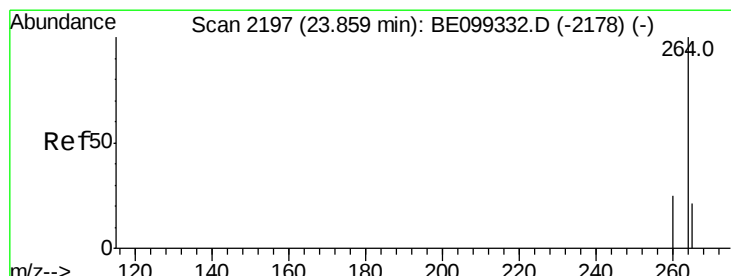
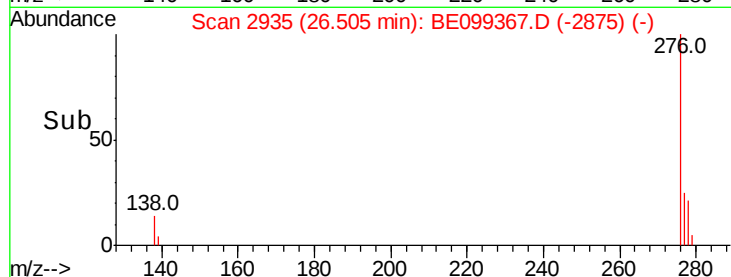
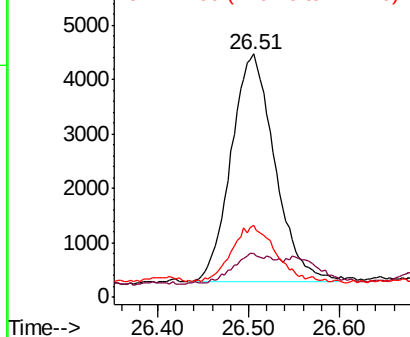
Tot Ion:	276	Resp:	13937
Ion Ratio	Lower	Upper	
276	100		
138	11.6	12.7	19.1#
277	25.1	19.6	29.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2198

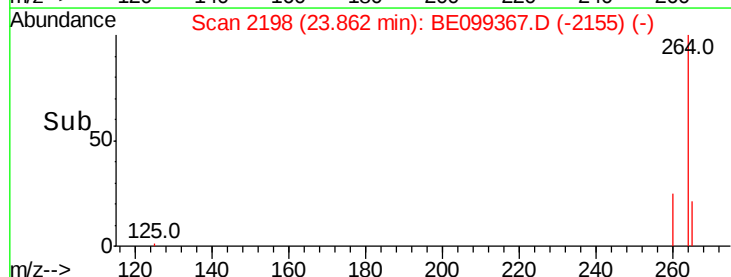
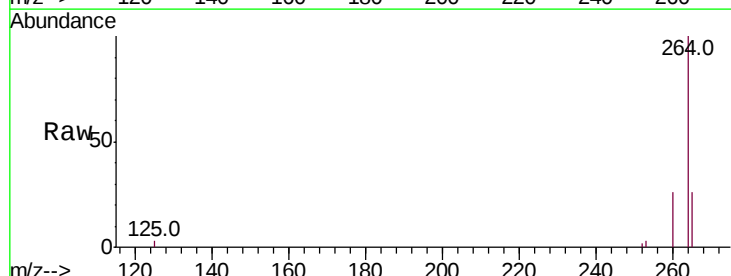
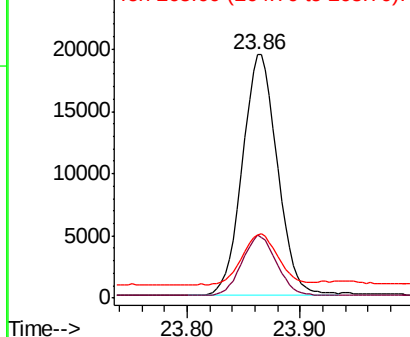
Delta R.T. 0.00 min

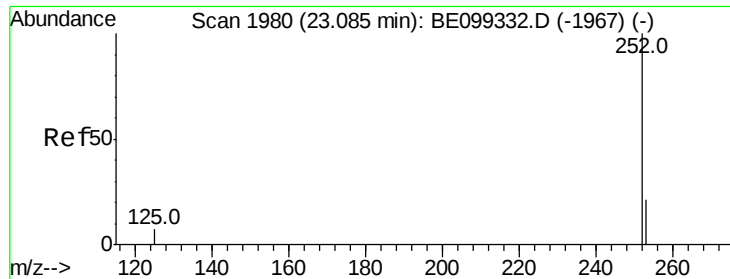
Lab File: BE099367.D

Acq: 25 Apr 2019 18:37

Tgt Ion:	264	Resp:	41748
Ion Ratio	Lower	Upper	
264	100		
260	26.0	20.1	30.1
265	25.9	19.9	29.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





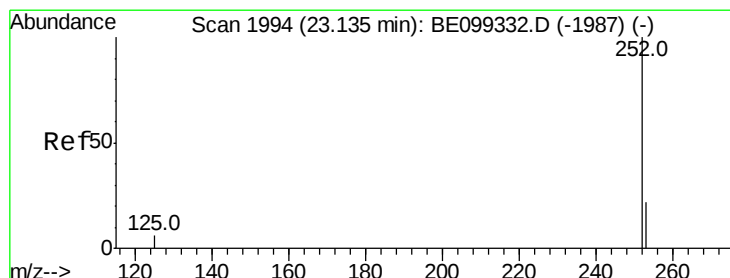
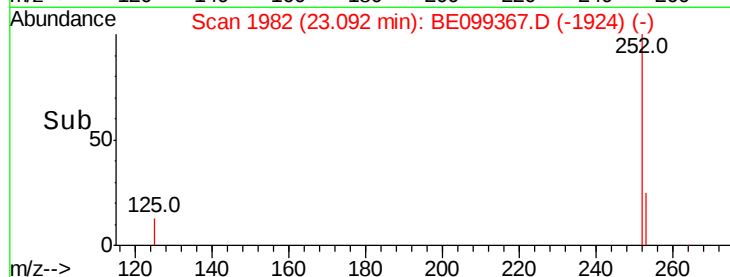
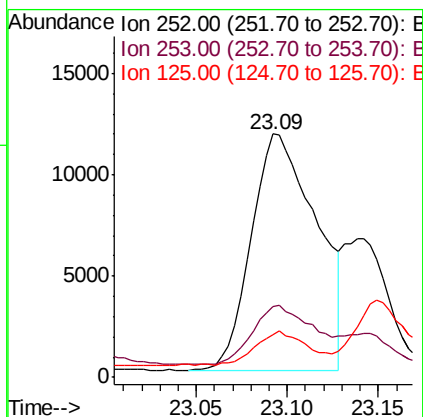
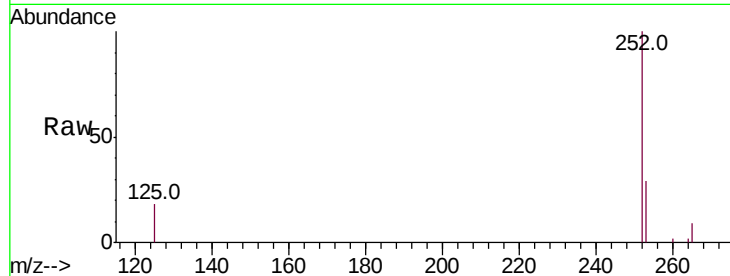
#35
Benzo(b)fluoranthene
Concen: 0.229 ng
RT: 23.09 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW063-042219

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.3	25.9#
125	17.5	5.8	8.6#

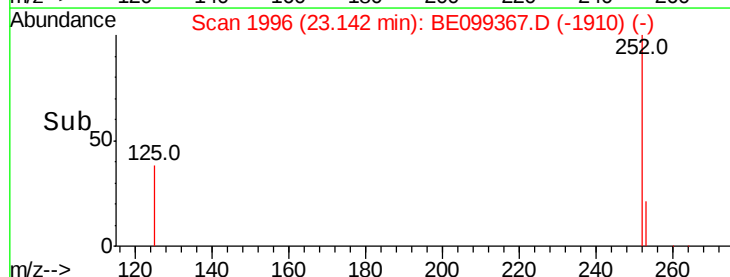
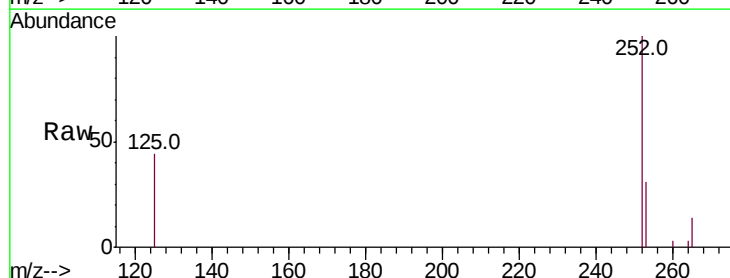
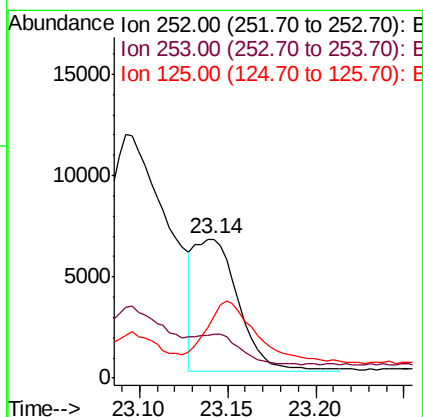
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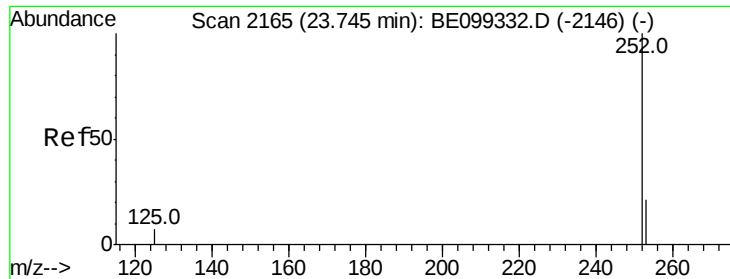
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#36
Benzo(k)fluoranthene
Concen: 0.090 ng m
RT: 23.14 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.4	27.6#
125	44.1	5.4	8.0#





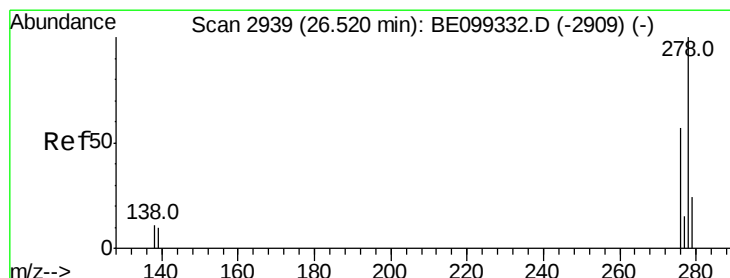
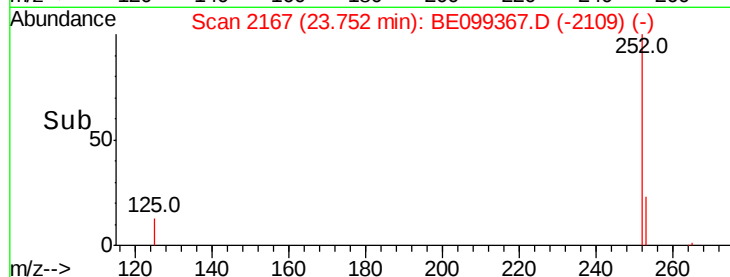
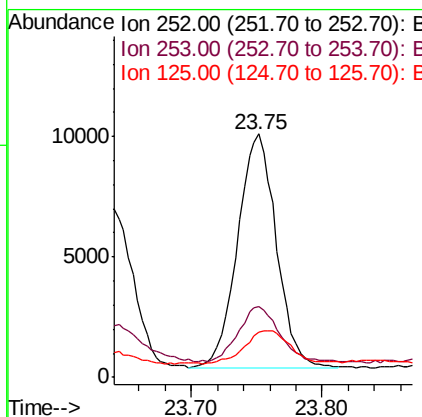
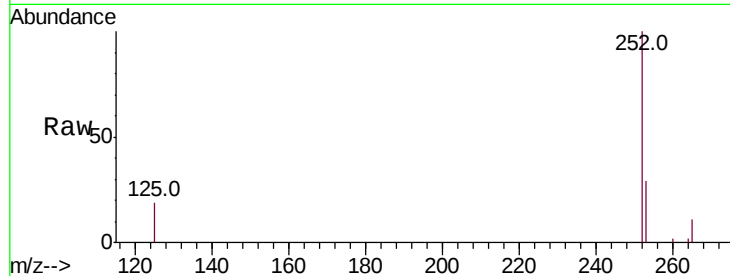
#37
Benzo(a)pyrene
Concen: 0.174 ng
RT: 23.75 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Instrument :
BNA_E
ClientSampleId :
EXT-074-SW063-042219

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.6	26.4#
125	18.6	6.5	9.7#

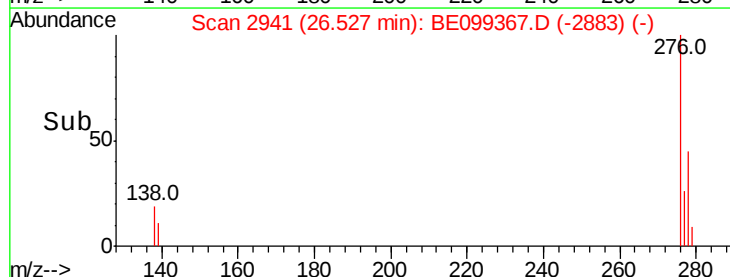
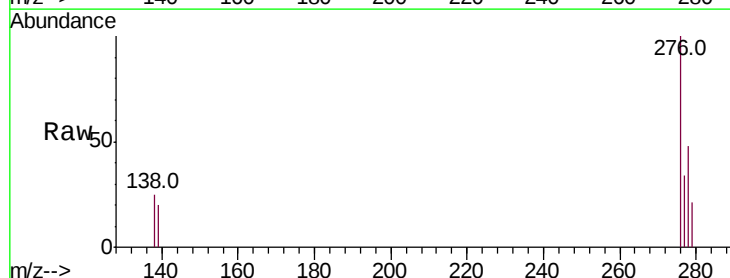
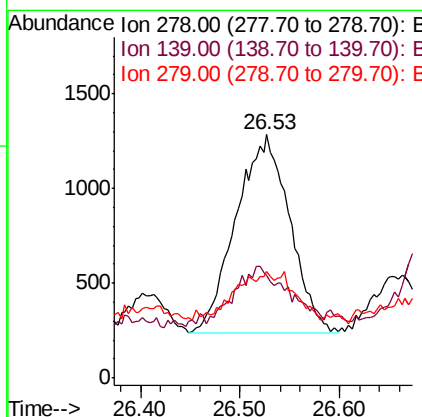
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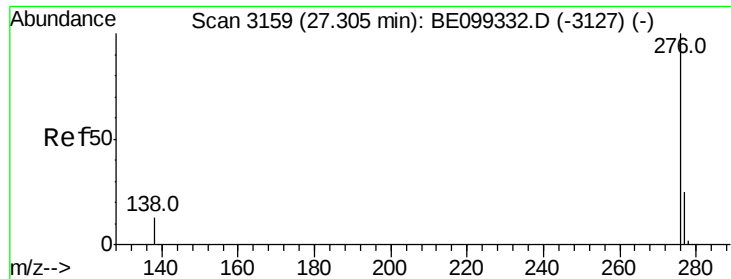
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#38
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BE099367.D
Acq: 25 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.2	8.5	12.7#
279	43.5	19.8	29.8#





#39

Benzo(a,h,i)perylene

Concen: 0.113 ng

RT: 27.33 min Scan# 3165

Delta R.T. 0.02 min

Lab File: BE099367.D

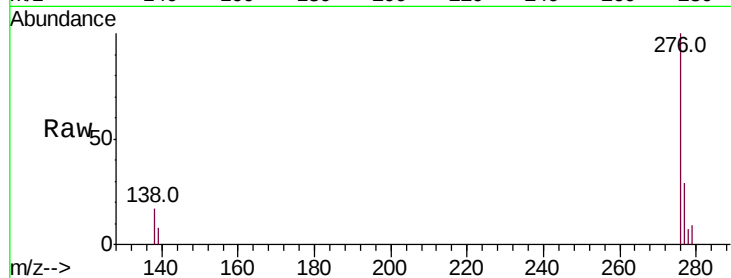
Acq: 25 Apr 2019 18:37

Instrument :

BNA_E

ClientSampleId :

EXT-074-SW063-042219



Tot Ion:	276	Resp:	13351
Ion Ratio	Lower	Upper	
276	100		
277	29.2	20.0	30.0
138	17.0	11.1	16.7

Manual Integrations
APPROVED

Sohil
4/29/2019 2:29:48 AM

