

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099252.D
 Acq On : 29 Mar 2019 13:19
 Operator : JU/SJ
 Sample : K1982-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW008-032519

Manual Integrations
 APPROVED

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 4/1/2019 5:45:04 PM

Quant Time: Mar 29 23:12:44 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 26 07:02:06 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3566	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	14059	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10266	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	30453	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	36800	0.40	ng	-0.01
34) Perylene-d12	23.89	264	34398	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	3032	0.28	ng	0.00
5) Phenol-d6	6.99	99	4214	0.26	ng	0.00
8) Nitrobenzene-d5	8.99	82	3020	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	7849	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	990	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11886	0.28	ng	0.00
25) Fluoranthene-d10	19.23	212	112553	0.31	ng	-0.01
29) Terphenyl-d14	19.83	244	18446	0.23	ng	0.00

Target Compounds

						Qvalue
17) Acenaphthene	14.53	154	636	0.020	ng	# 91
18) Fluorene	15.50	166	1449	0.033	ng	97
23) Phenanthrene	17.24	178	38790	0.434	ng	99
24) Anthracene	17.34	178	4599	0.057	ng	97
26) Fluoranthene	19.27	202	79502	0.697	ng	99
28) Pyrene	19.63	202	65476	0.536	ng	# 95
30) Benzo(a)anthracene	21.37	228	26893	0.221	ng	97
31) Chrysene	21.42	228	29963	0.231	ng	97
32) Bis(2-ethylhexyl)phthalate	21.28	149	9644	0.067	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	12562	0.102	ng	# 88
35) Benzo(b)fluoranthene	23.12	252	36895	0.326	ng	# 88
36) Benzo(k)fluoranthene	23.16	252	16662m	0.139	ng	
37) Benzo(a)pyrene	23.77	252	19780	0.187	ng	# 95
39) Benzo(g,h,i)perylene	27.36	276	13735	0.146	ng	95

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

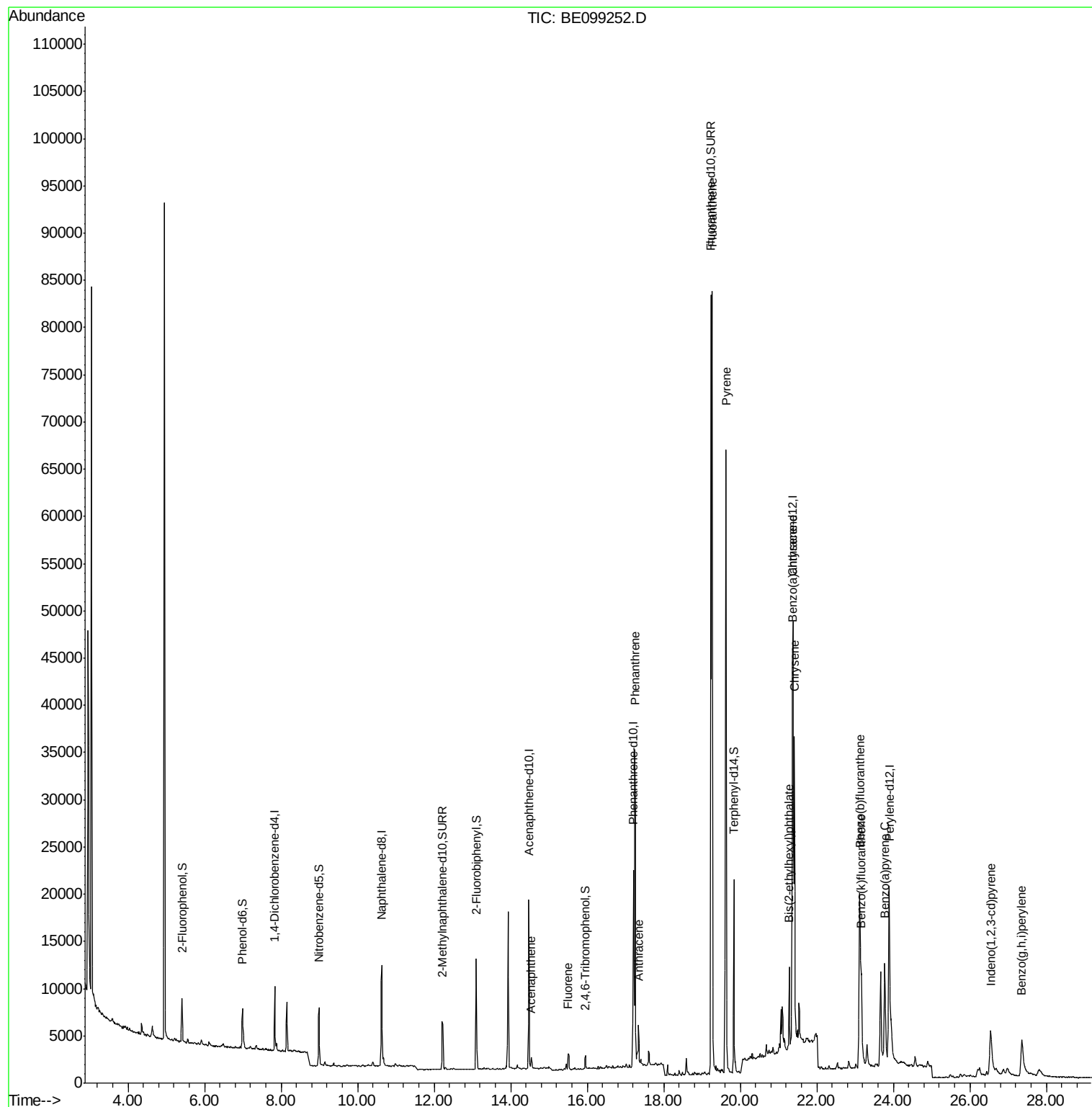
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099252.D
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Sample : K1982-05
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ALS Vial : 6 Sample Multiplier: 1

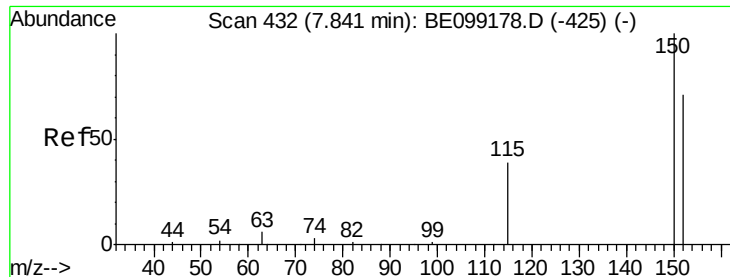
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

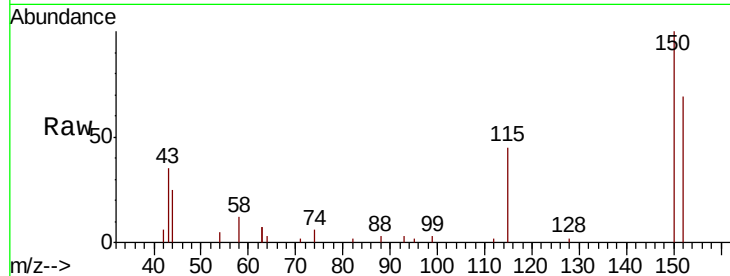
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.4	112.8	169.2
115	65.9	45.1	67.7

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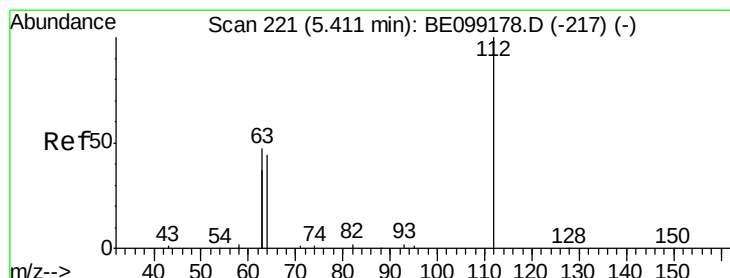
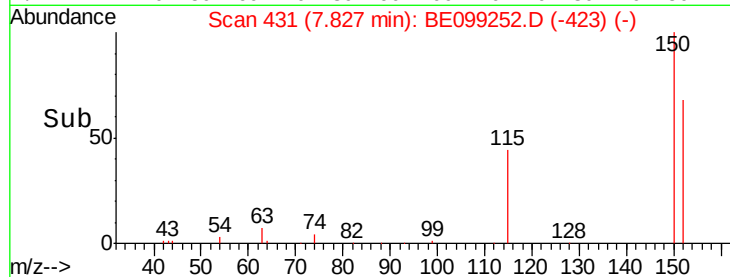
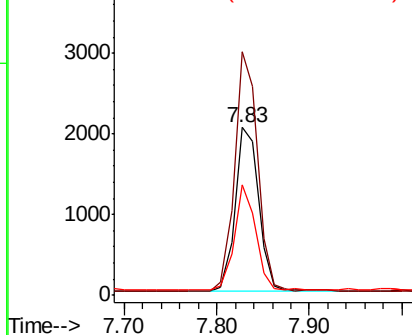


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

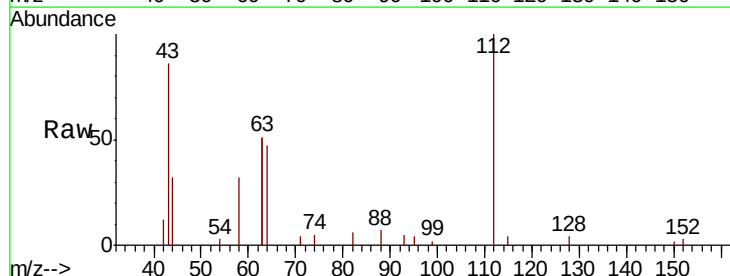
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.285 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.2	69.2
63	118.0	89.9	134.9

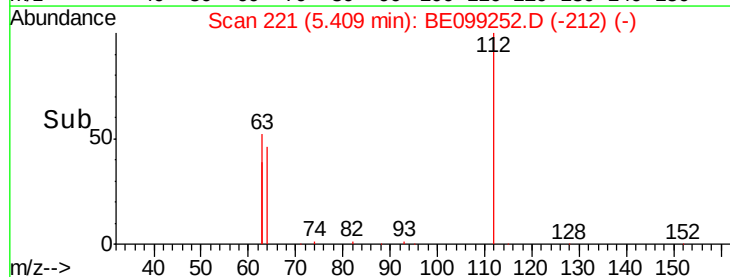
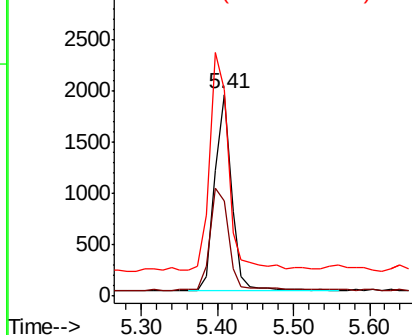


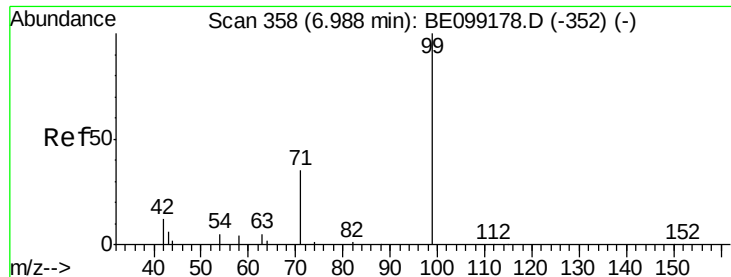
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.259 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Instrument :

BNA_E

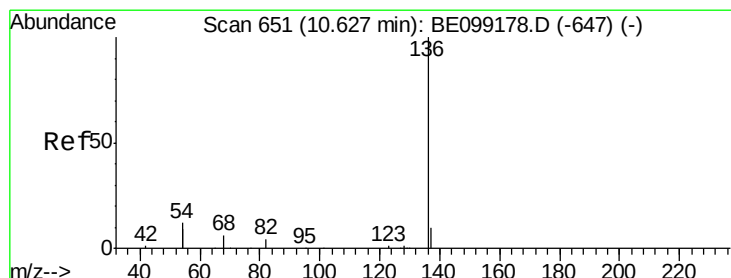
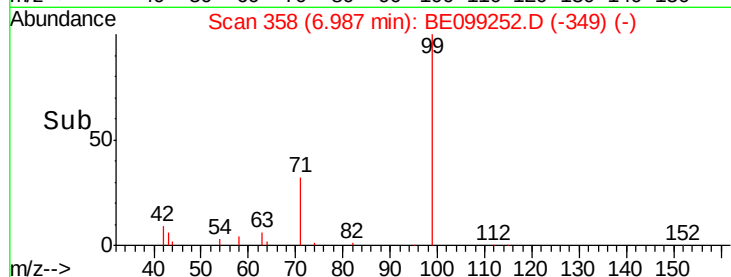
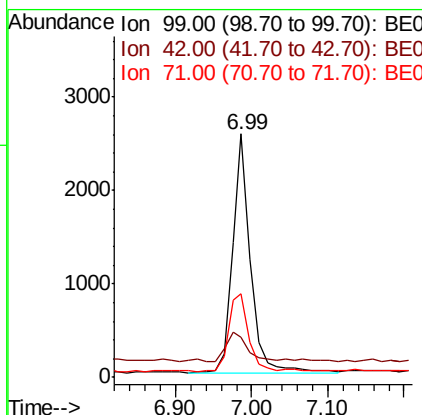
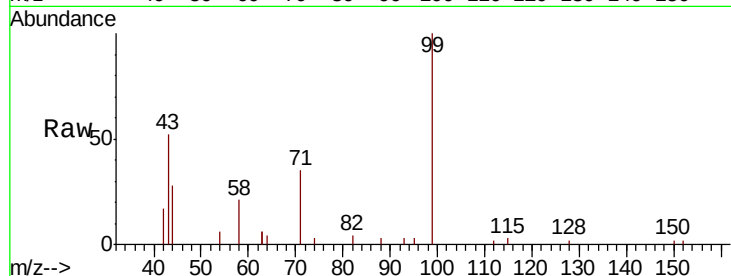
ClientSampleId :

EXT-028-SW008-032519

Tgt Ion:	99	Resp:	4214
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.4	18.6
71	37.3	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng

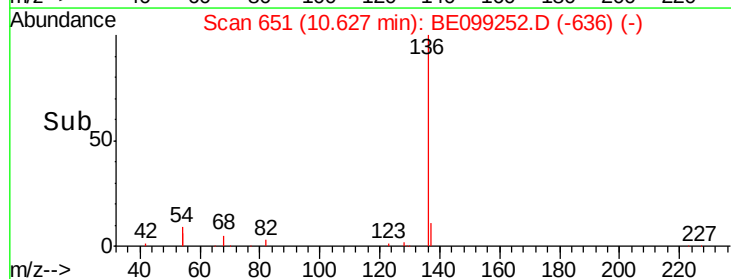
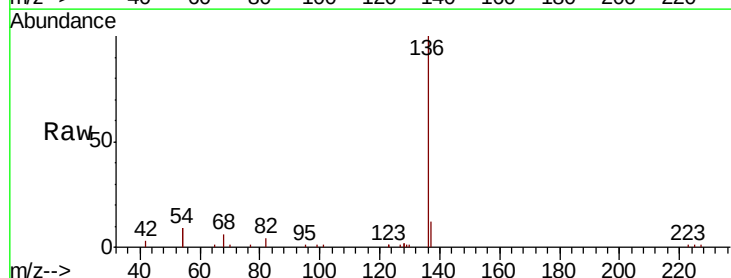
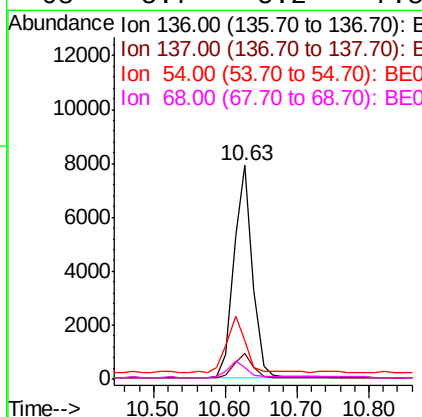
RT: 10.63 min Scan# 651

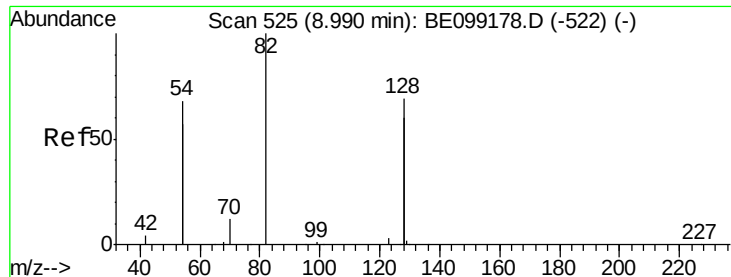
Delta R.T. -0.00 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Tgt Ion:	136	Resp:	14059
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	17.8	18.7	28.1#
68	5.7	5.2	7.8





#8

Nitrobenzene-d5

Concen: 0.263 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Instrument :

BNA_E

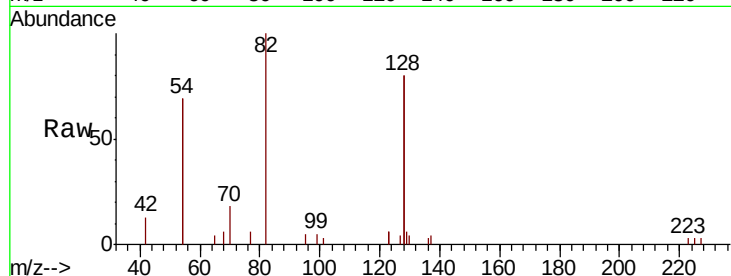
ClientSampleId :

EXT-028-SW008-032519

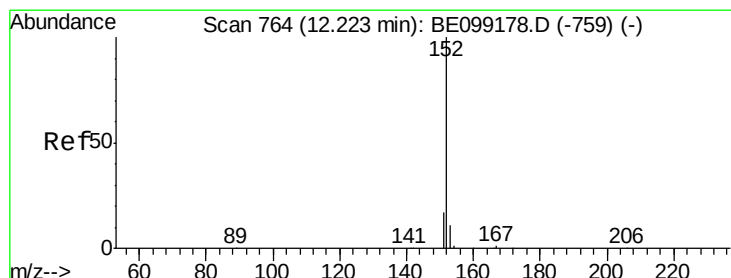
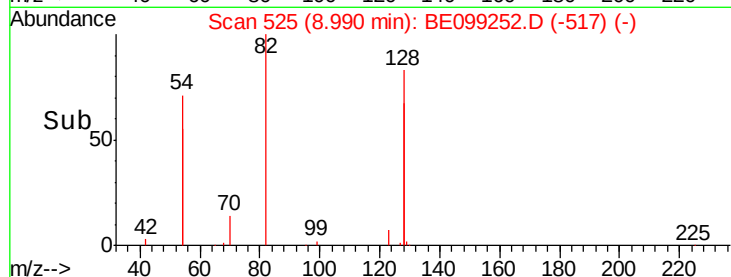
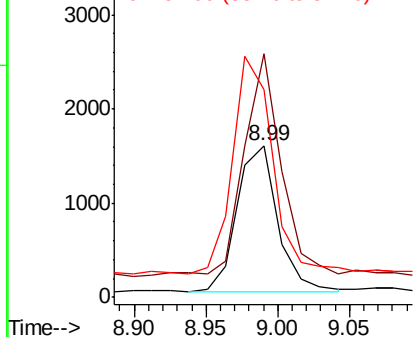
Tgt Ion:	82	Resp:	3020
Ion	Ratio	Lower	Upper
82	100		
128	160.2	107.5	161.3
54	137.1	106.3	159.5

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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.290 ng

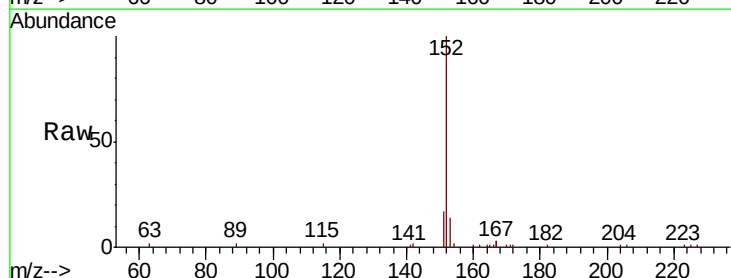
RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

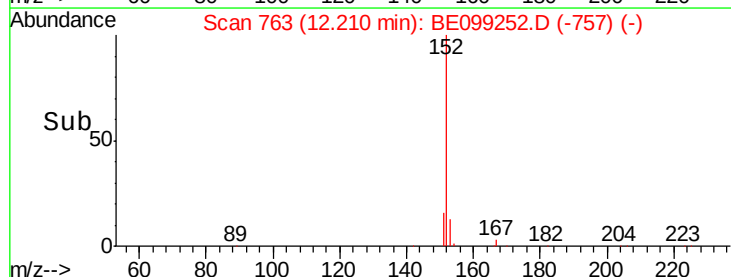
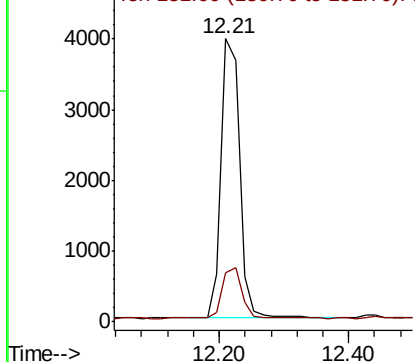
Lab File: BE099252.D

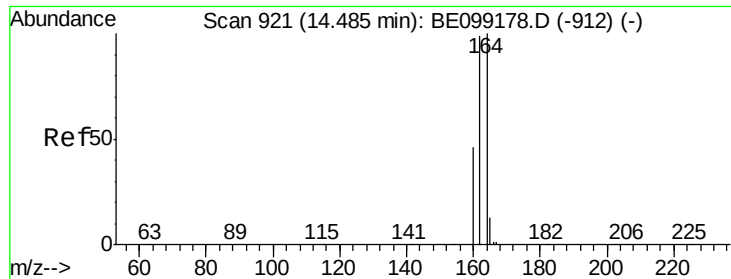
Acq: 29 Mar 2019 13:19

Tgt Ion:	152	Resp:	7849
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





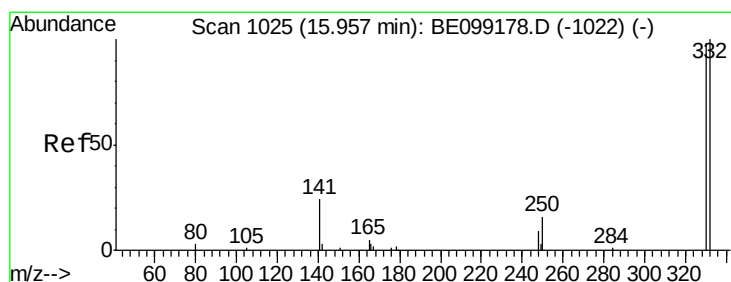
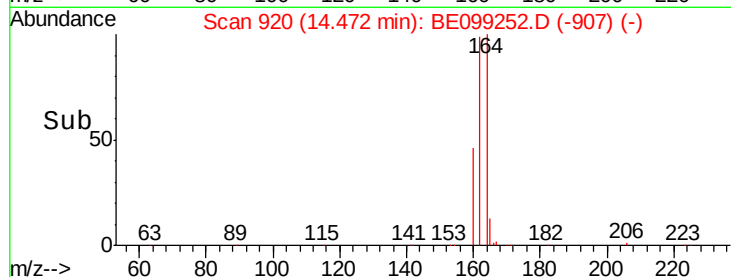
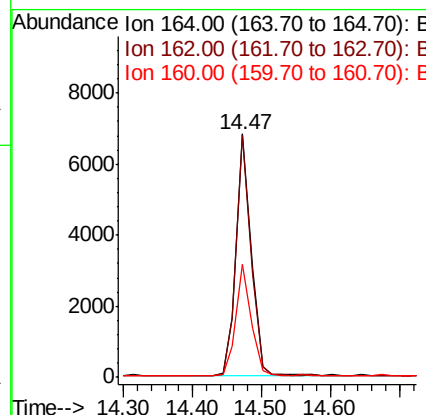
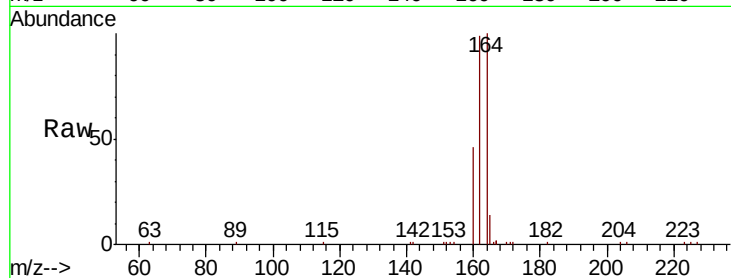
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.2	118.8
160	46.5	36.7	55.1

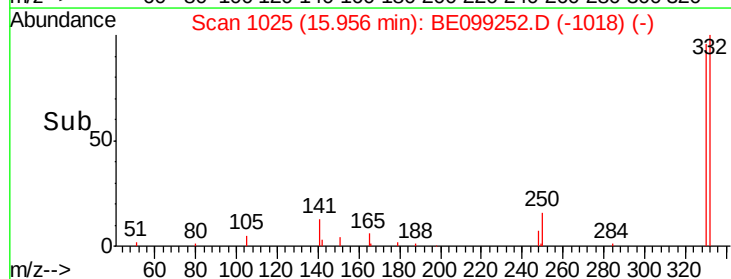
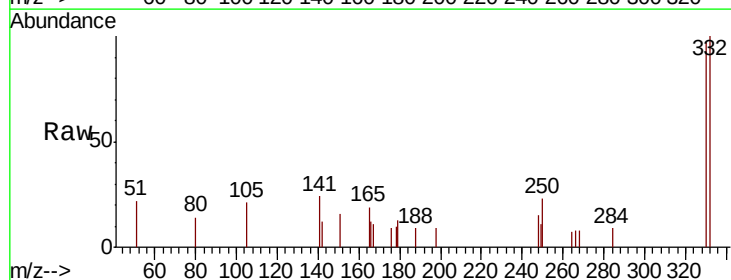
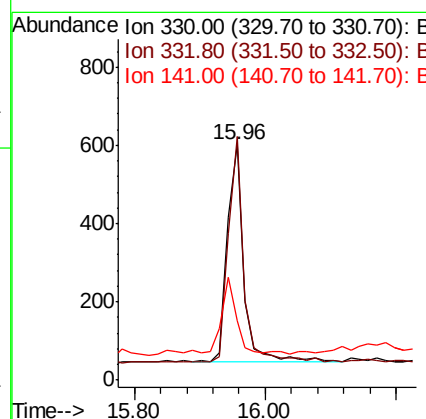
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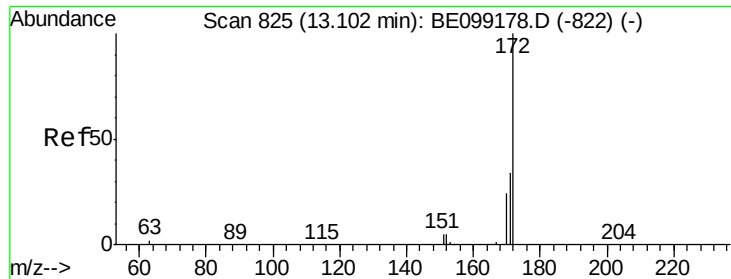
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#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	71.3	106.9
141	28.7	21.7	32.5





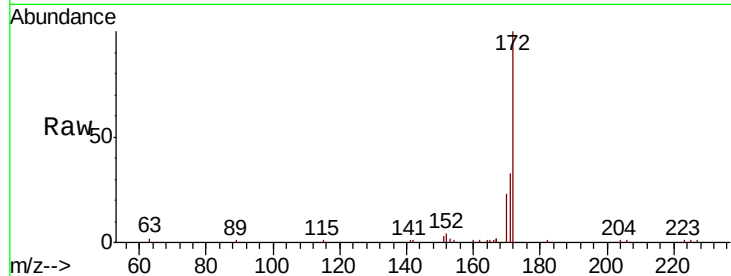
#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.4	41.0
170	23.5	19.1	28.7

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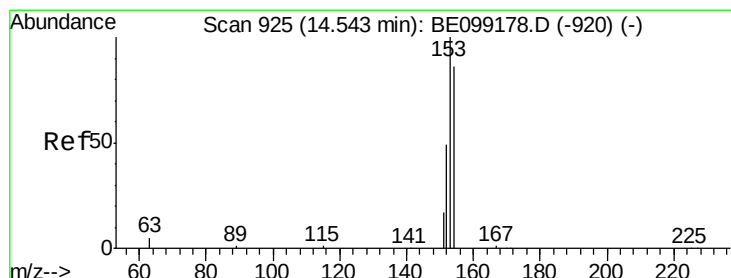
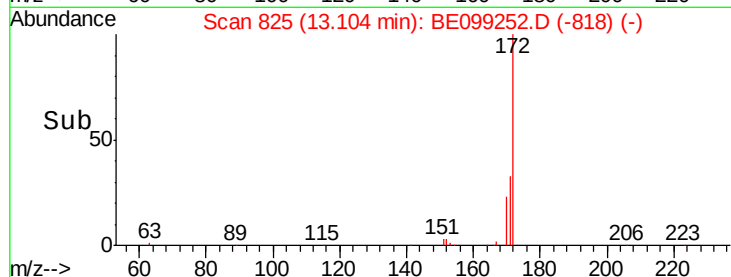
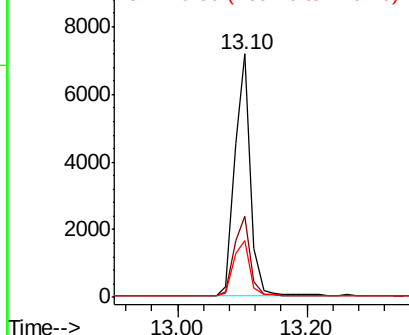


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#17
Acenaphthene
Concen: 0.020 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

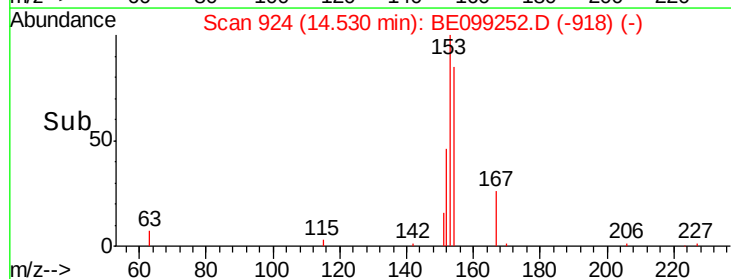
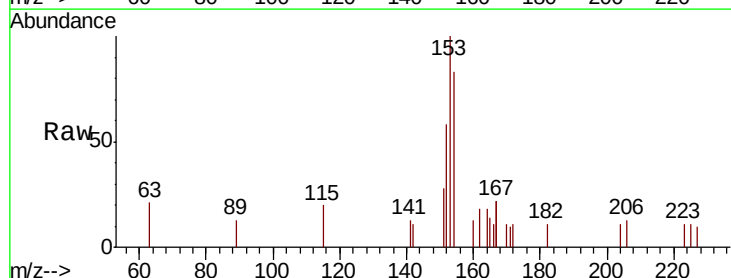
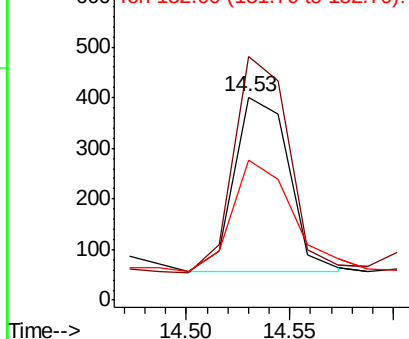
Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.6	93.4	140.0
152	70.4	46.6	69.8

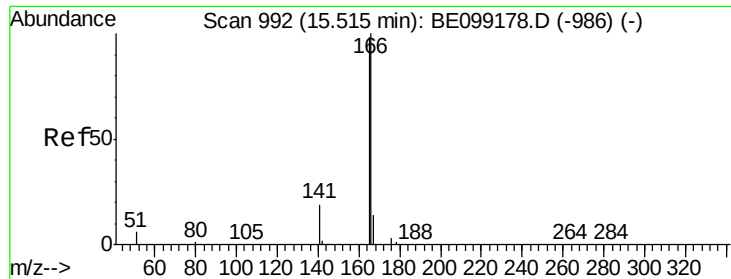
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





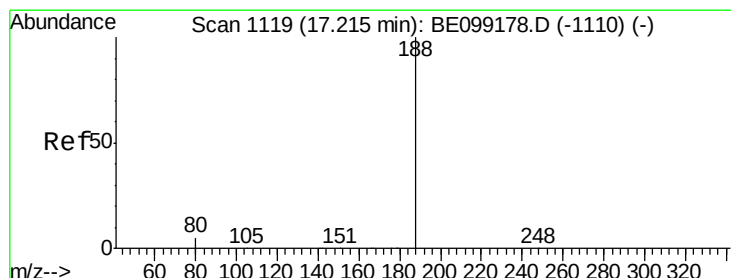
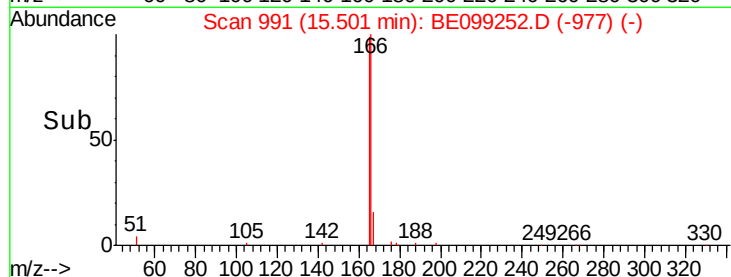
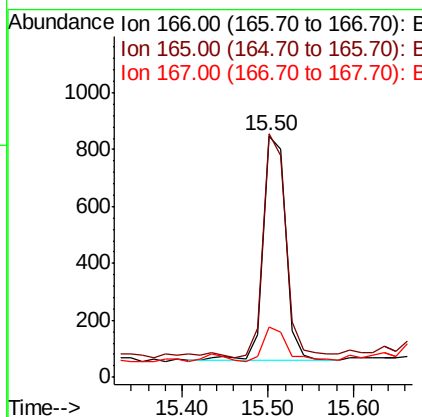
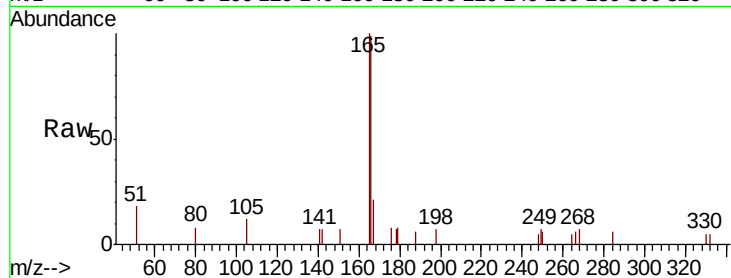
#18
Fluorene
Concen: 0.033 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.9	118.3
167	16.1	10.9	16.3

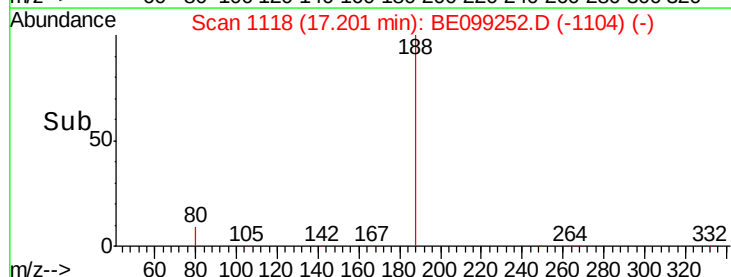
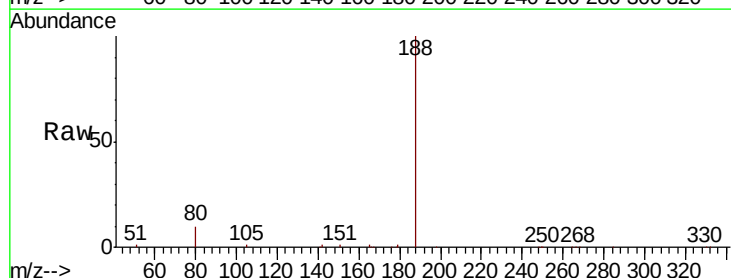
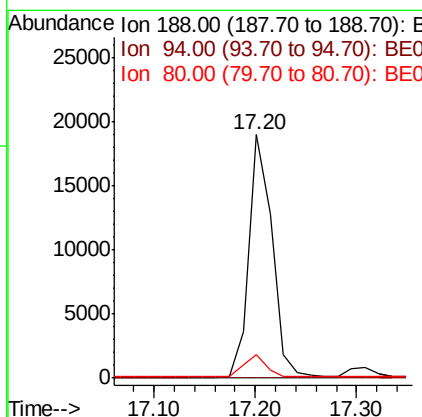
Manual Integrations
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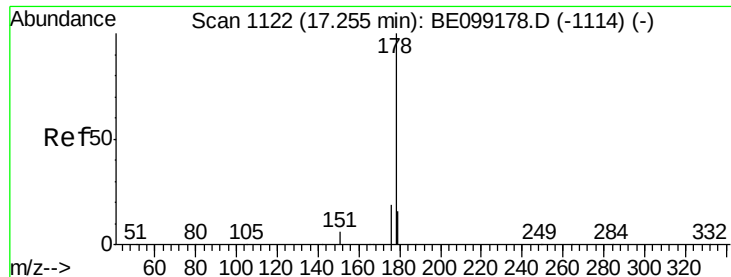
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	4.5	6.7#





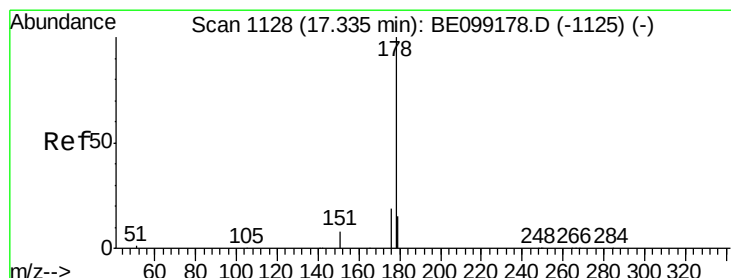
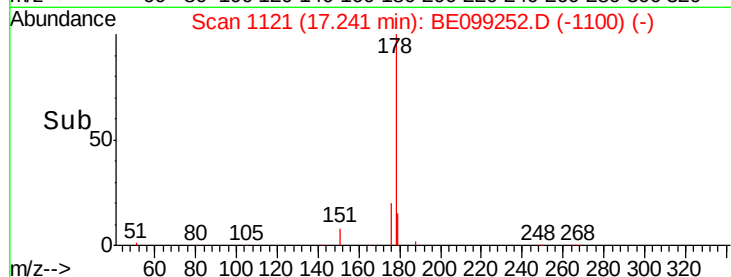
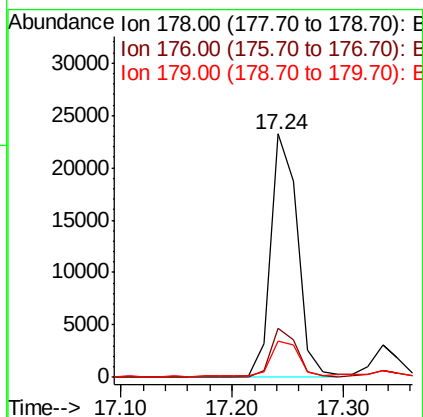
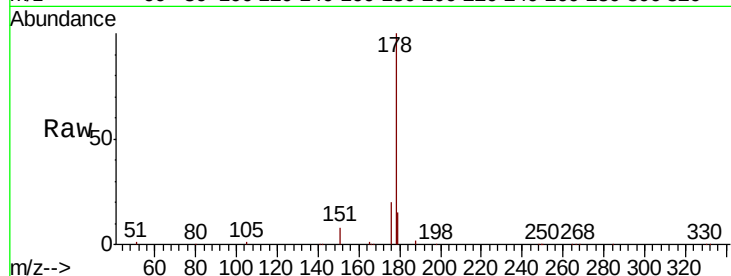
#23
Phenanthrene
Concen: 0.434 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.3	18.5

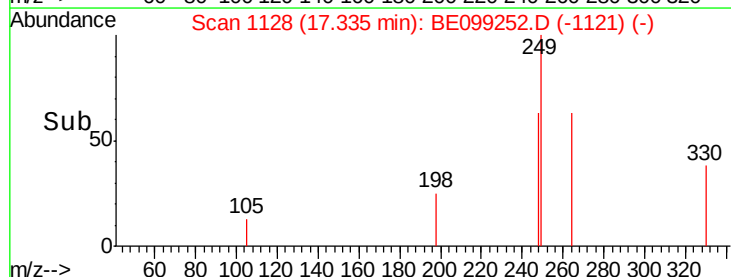
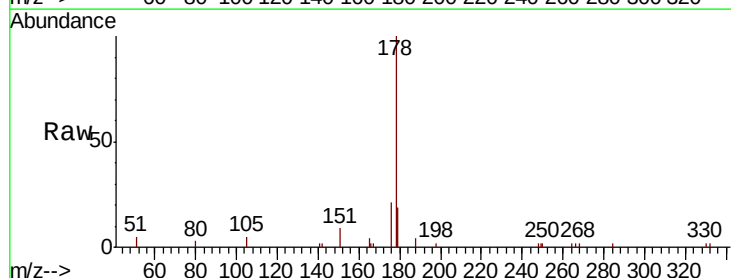
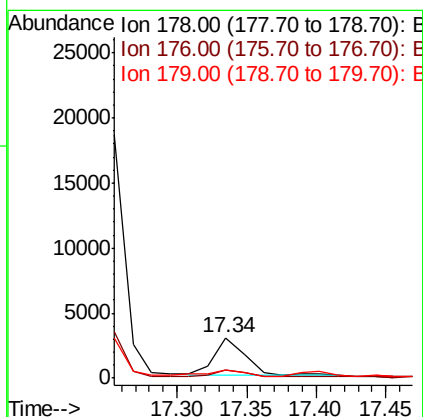
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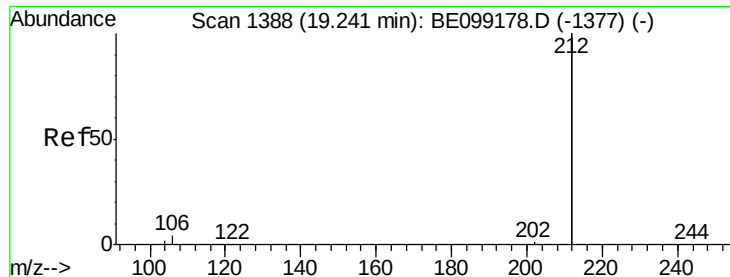
Sohil
4/1/2019 5:45:04 PM



#24
Anthracene
Concen: 0.057 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	17.8	12.4	18.6





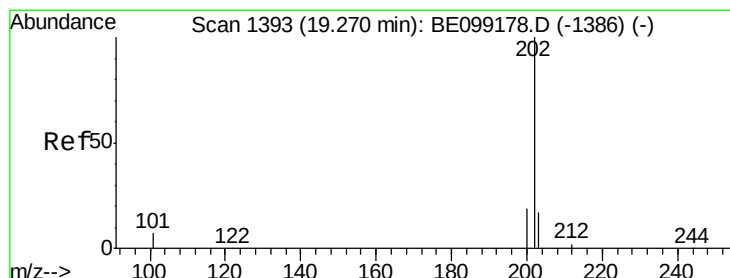
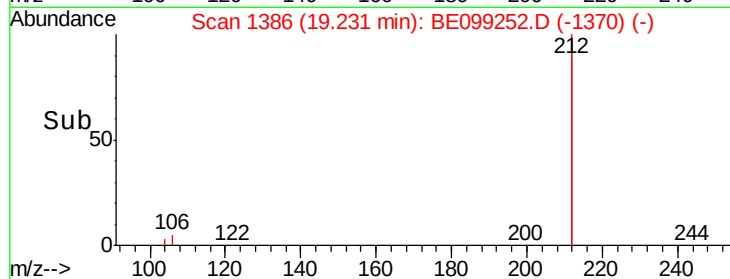
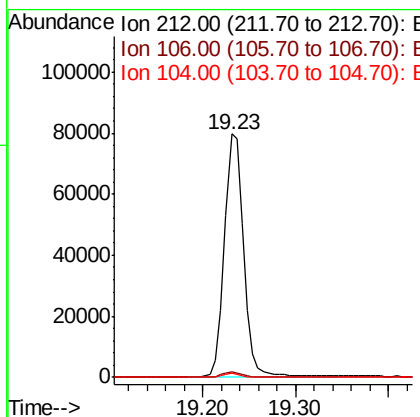
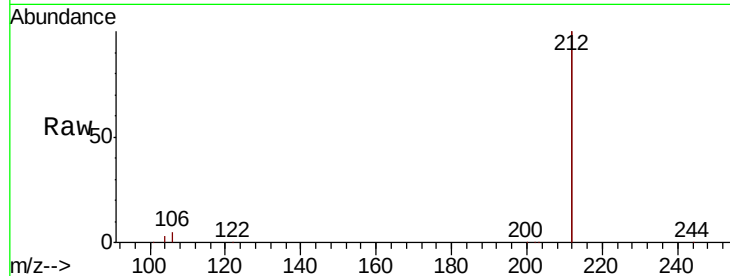
#25
 Fluoranthene-d10
 Concen: 0.305 ng
 RT: 19.23 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BE099252.D
 Acq: 29 Mar 2019 13:19

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW008-032519

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	112553		
106	2.2	1.8	2.8	
104	1.3	1.1	1.7	

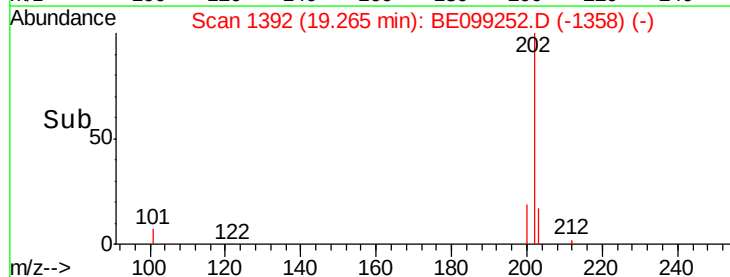
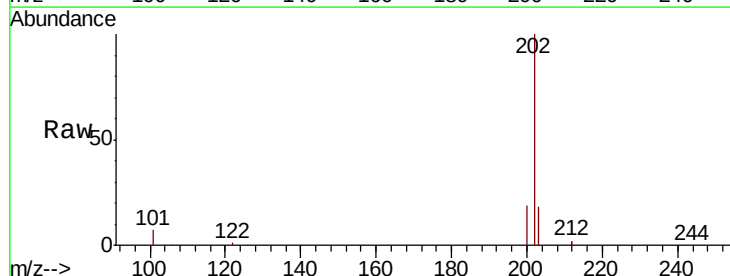
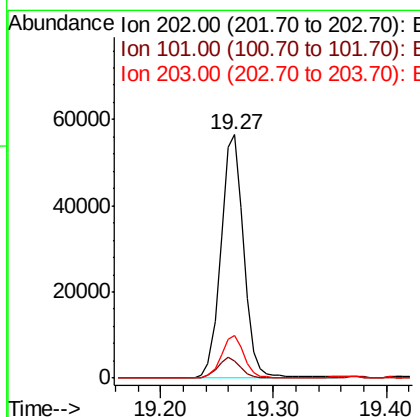
Manual Integrations
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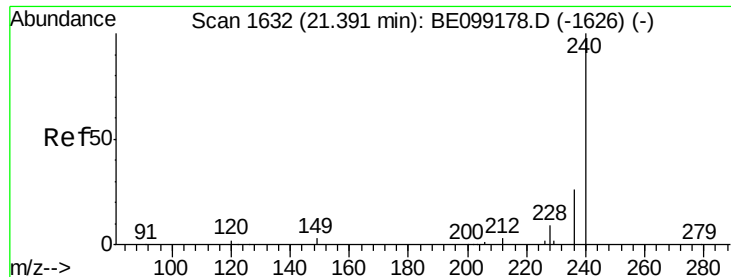
Sohil
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#26
 Fluoranthene
 Concen: 0.697 ng
 RT: 19.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099252.D
 Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	79502		
101	8.0	7.0	10.4	
203	17.0	13.8	20.6	





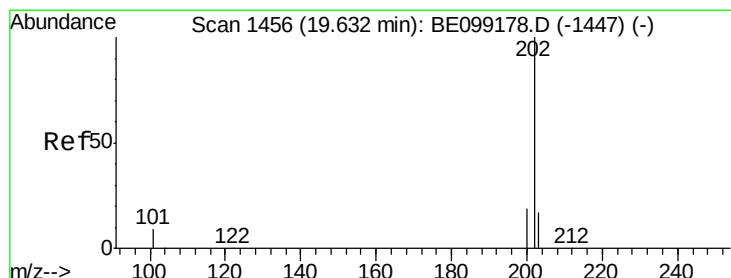
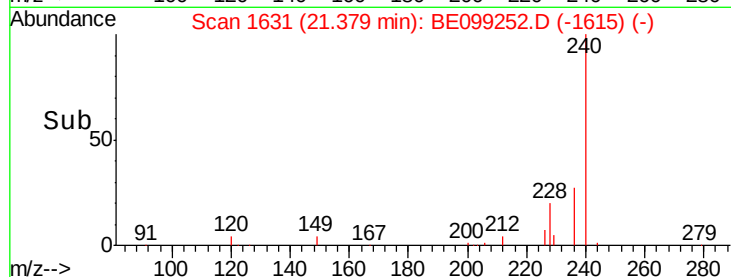
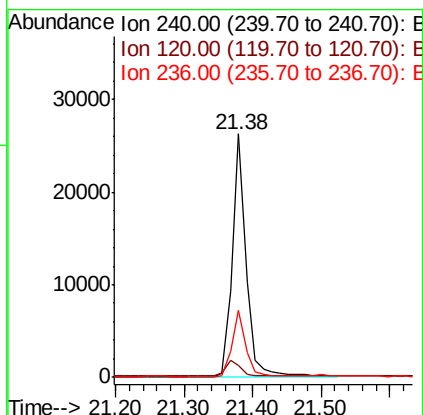
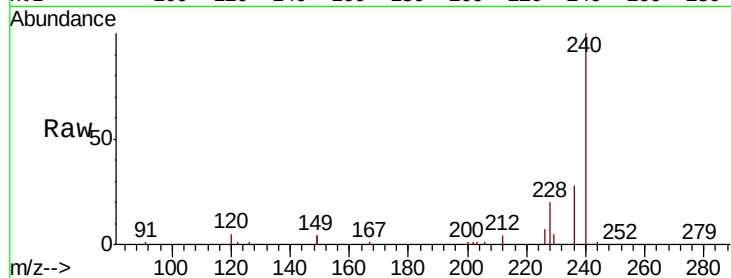
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	2.6	3.8#
236	27.5	20.9	31.3

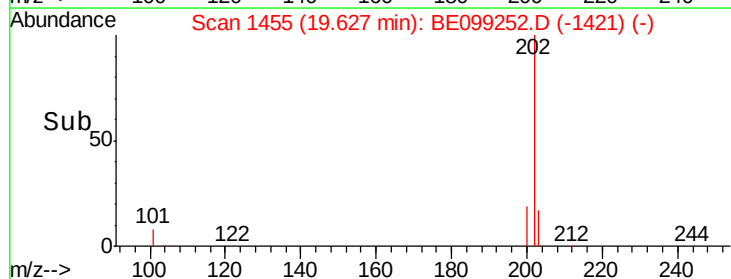
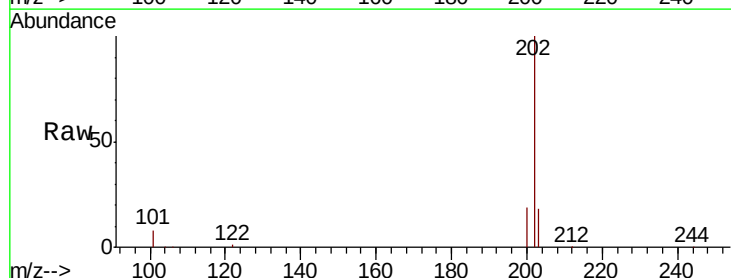
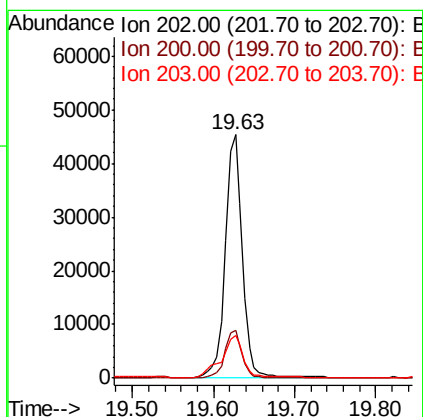
Manual Integrations
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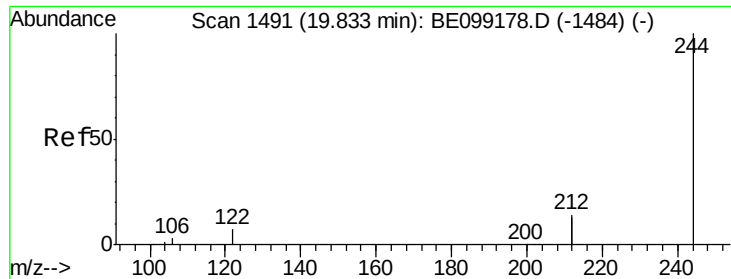
Sohil
4/1/2019 5:45:04 PM



#28
Pyrene
Concen: 0.536 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.8	23.8
203	21.8	14.1	21.1#





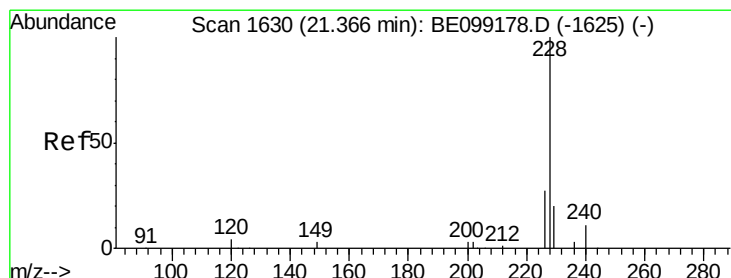
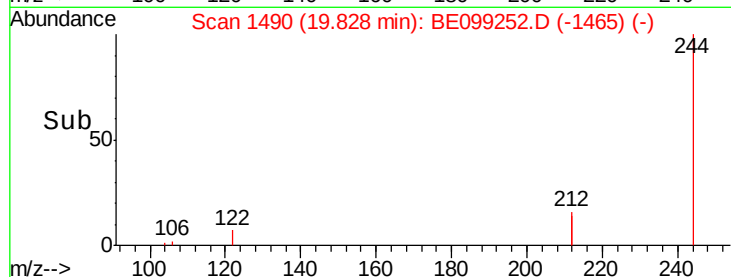
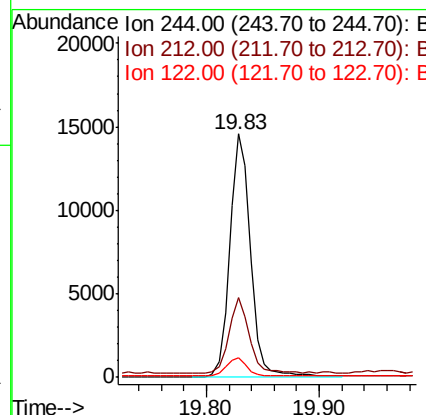
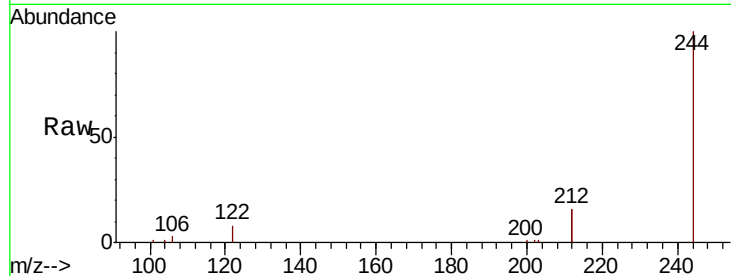
#29
 Terphenyl-d14
 Concen: 0.230 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BE099252.D
 Acq: 29 Mar 2019 13:19

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.6	22.7	34.1
122	7.8	5.8	8.6

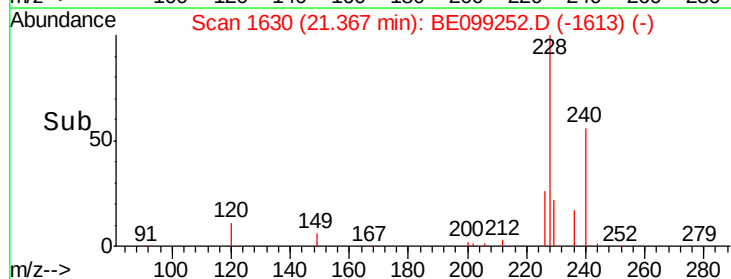
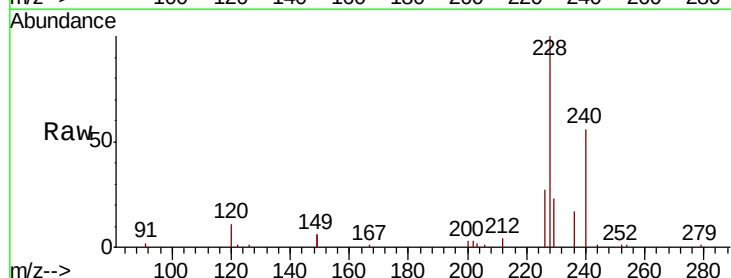
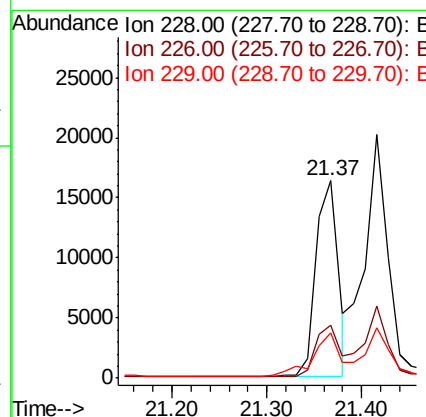
Manual Integrations
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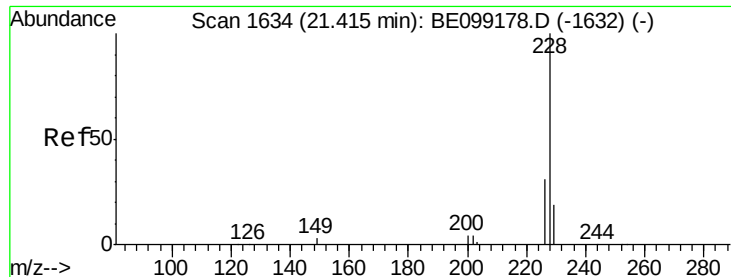
Sohil
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#30
 Benzo(a)anthracene
 Concen: 0.221 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099252.D
 Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	22.8	15.9	23.9





#31

Chrysene

Concen: 0.231 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Instrument :

BNA_E

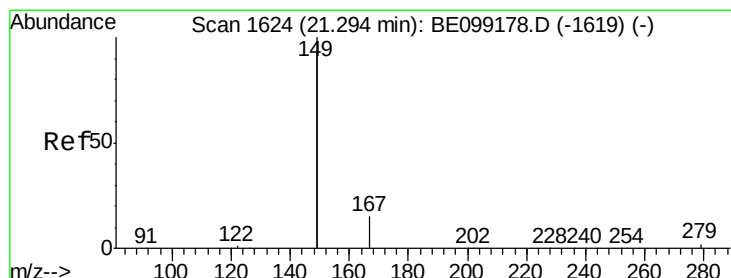
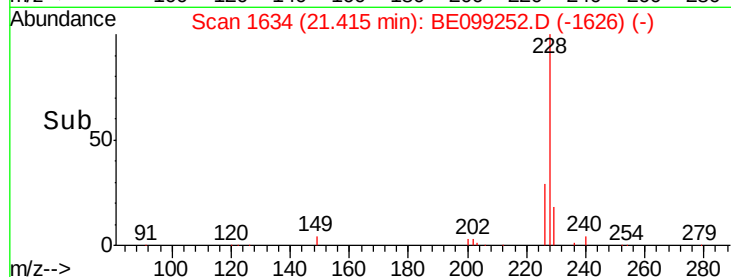
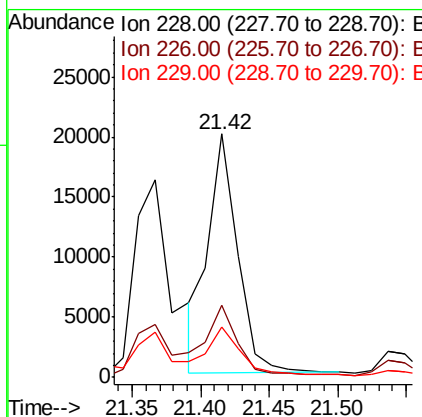
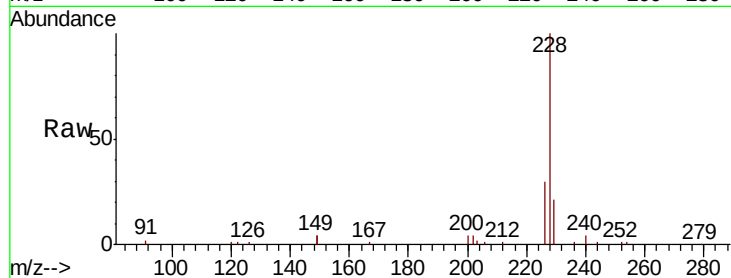
ClientSampleId :

EXT-028-SW008-032519

Tgt Ion:	228	Resp:	29963
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.8	37.2
229	20.9	15.4	23.0

Manual Integrations
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4/1/2019 5:45:04 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

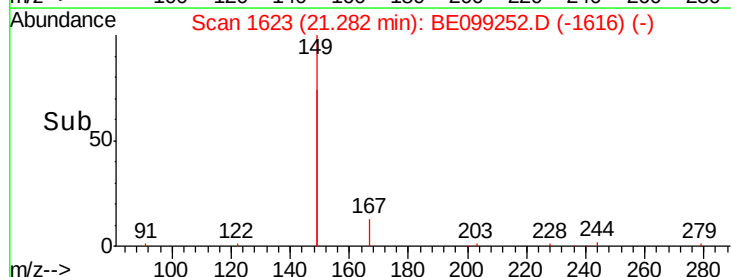
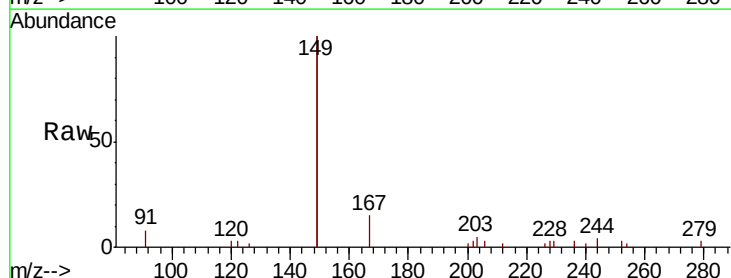
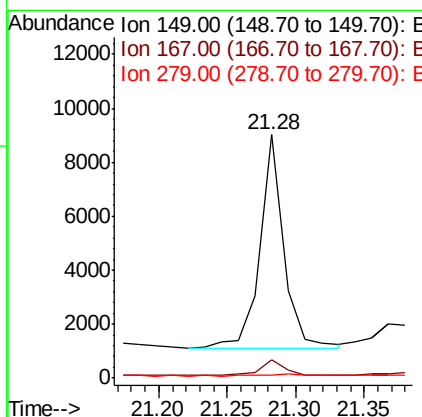
RT: 21.28 min Scan# 1623

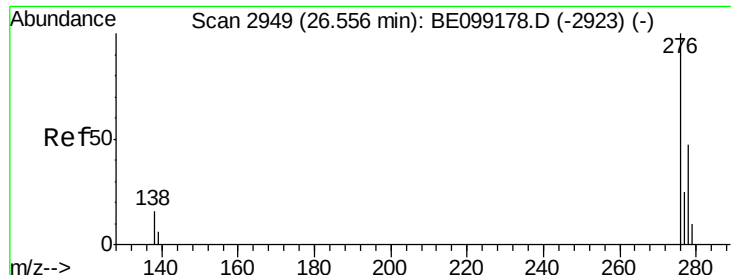
Delta R.T. -0.01 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Tgt Ion:	149	Resp:	9644
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.9	8.9
279	1.5	1.0	1.6





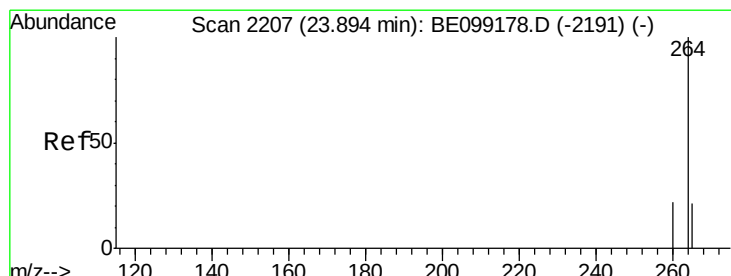
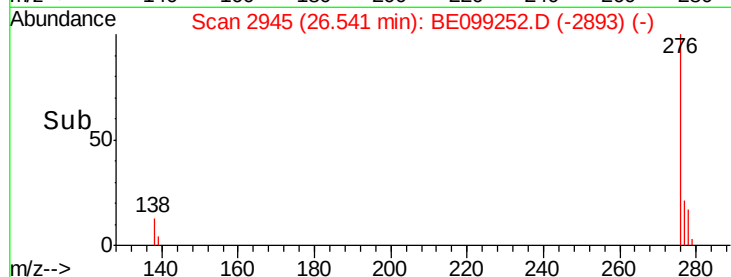
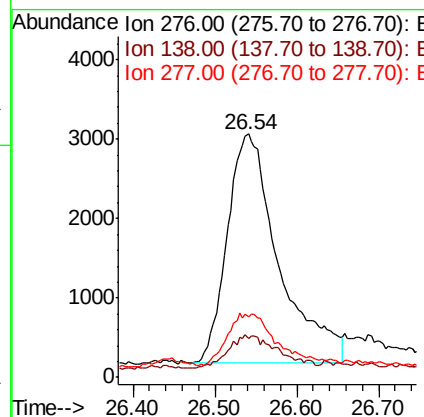
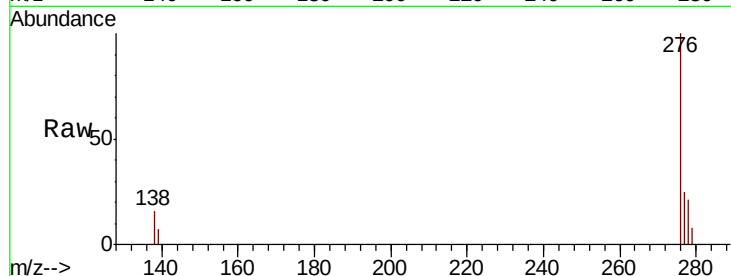
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.102 ng
 RT: 26.54 min Scan# 2945
 Delta R.T. -0.02 min
 Lab File: BE099252.D
 Acq: 29 Mar 2019 13:19

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	12.9	19.3#
277	21.0	18.3	27.5

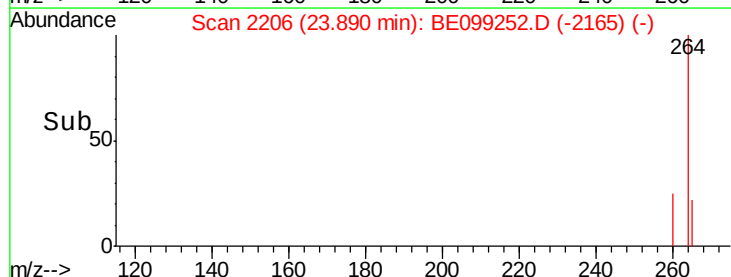
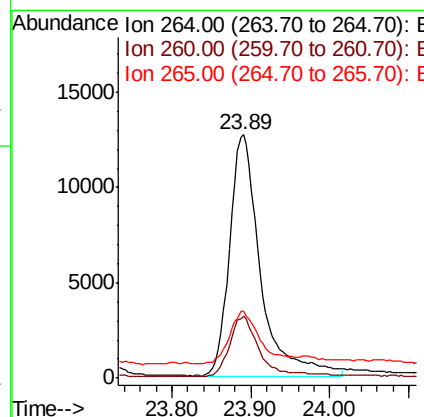
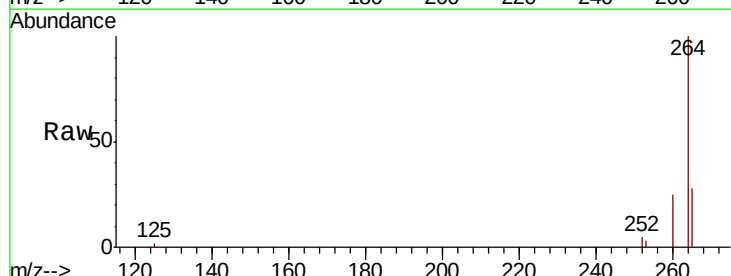
Manual Integrations
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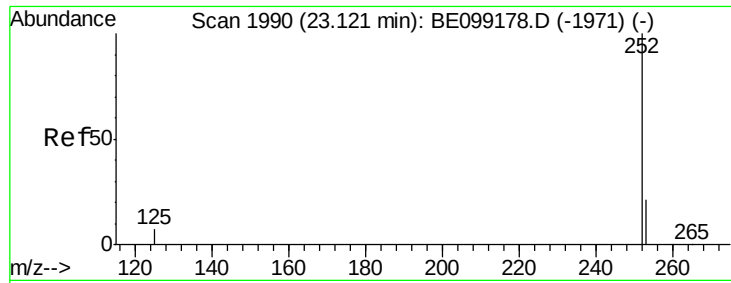
Sohil
 4/1/2019 5:45:04 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE099252.D
 Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.2
265	27.7	21.8	32.8





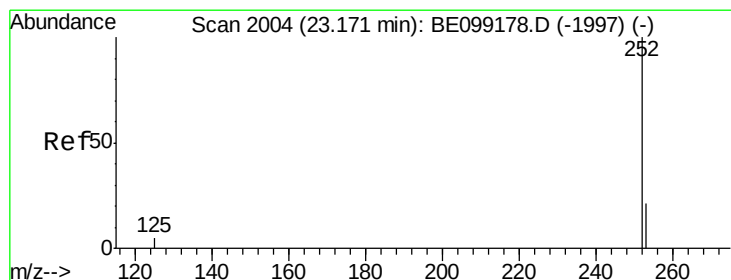
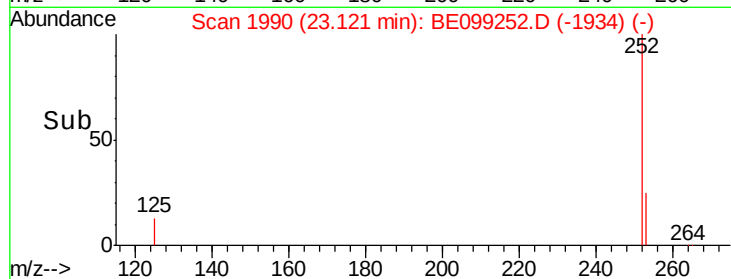
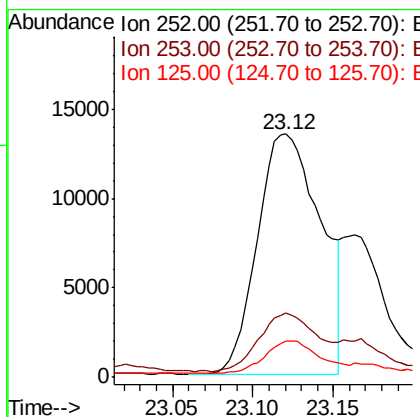
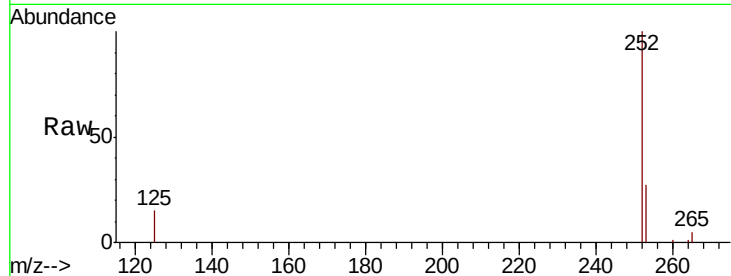
#35
Benzo(b)fluoranthene
Concen: 0.326 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW008-032519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.8
125	14.9	6.1	9.1

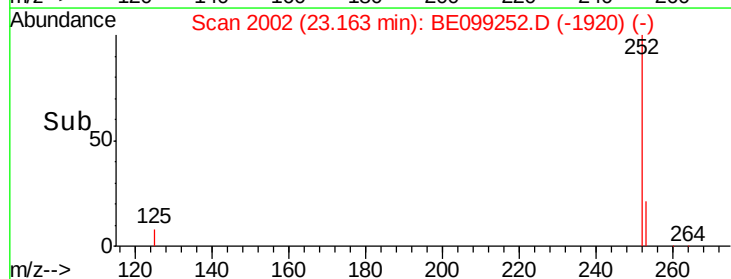
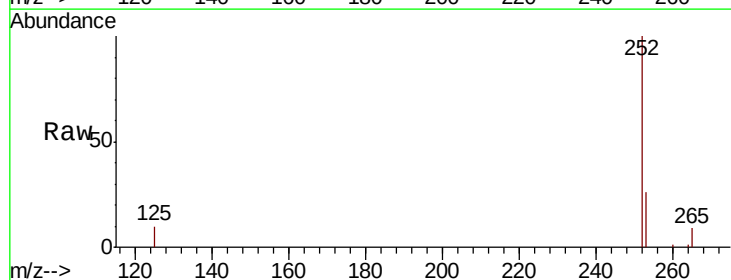
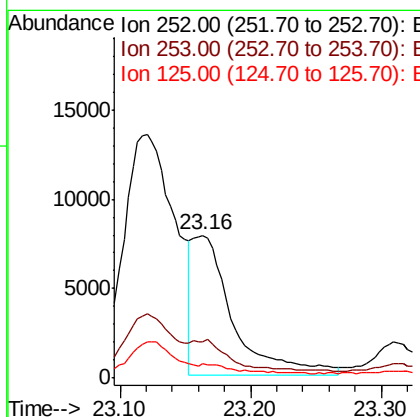
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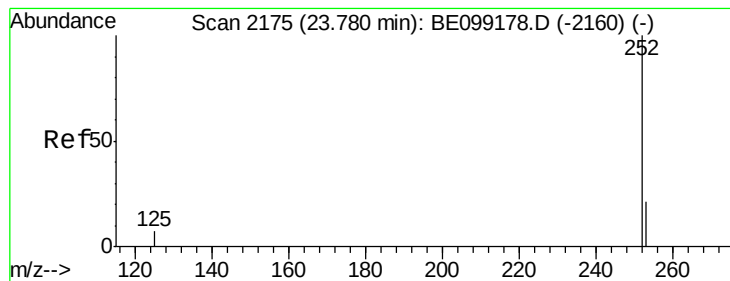
Sohil
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#36
Benzo(k)fluoranthene
Concen: 0.139 ng m
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099252.D
Acq: 29 Mar 2019 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.6
125	10.0	5.9	8.9





#37

Benzo(a)pyrene

Concen: 0.187 ng

RT: 23.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Instrument :

BNA_E

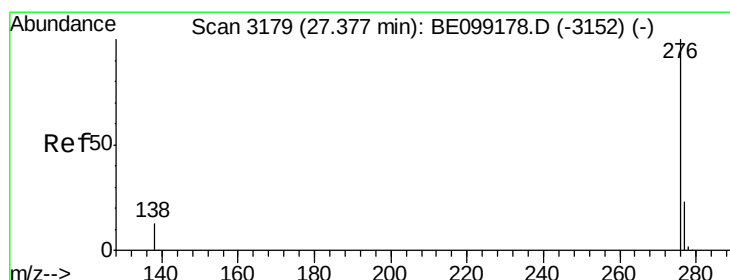
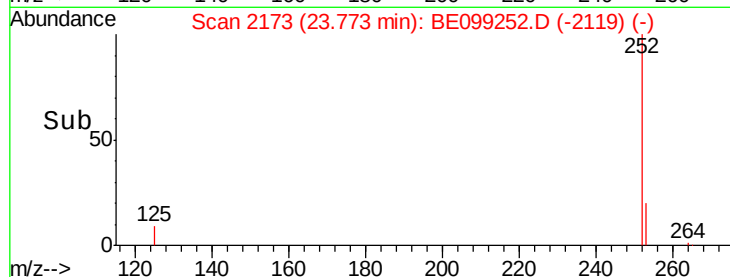
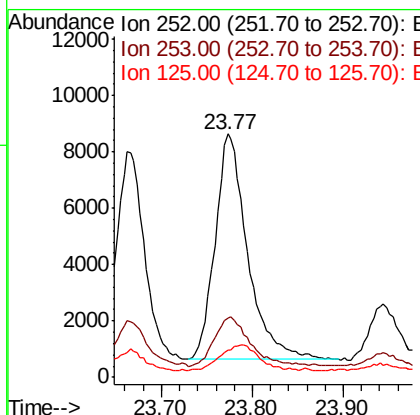
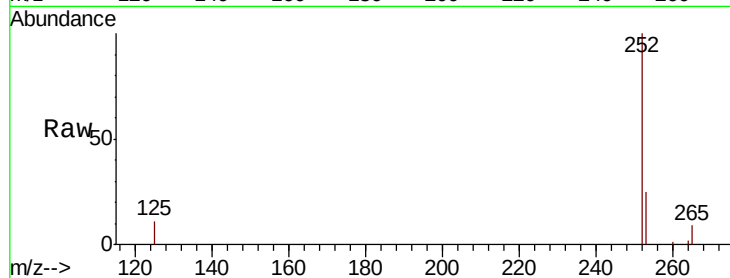
ClientSampleId :

EXT-028-SW008-032519

Tgt Ion:	252	Resp:	19780
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.1	27.1
125	11.1	6.8	10.2

Manual Integrations
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4/1/2019 5:45:04 PM



#39

Benzo(g,h,i)perylene

Concen: 0.146 ng

RT: 27.36 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BE099252.D

Acq: 29 Mar 2019 13:19

Tgt Ion:	276	Resp:	13735
Ion Ratio	Lower	Upper	
276	100		
277	27.0	19.0	28.4
138	15.0	11.1	16.7

