

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099259.D
 Acq On : 29 Mar 2019 17:45
 Operator : JU/SJ
 Sample : K1982-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW005-032519

Manual Integrations
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Sohil
 4/1/2019 5:45:12 PM

Quant Time: Mar 29 23:26:56 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	3486	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	13563	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10052	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	31601	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	40718	0.40	ng	-0.01
34) Perylene-d12	23.88	264	40488	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	3879	0.37	ng	0.00
5) Phenol-d6	6.99	99	5575	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	4510	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	9706	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1849	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	14000	0.34	ng	0.00
25) Fluoranthene-d10	19.23	212	144450	0.38	ng	-0.01
29) Terphenyl-d14	19.83	244	23544	0.27	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.24	178	20488	0.221	ng	99
24) Anthracene	17.34	178	2308	0.028	ng	# 88
26) Fluoranthene	19.26	202	51425	0.434	ng	99
28) Pyrene	19.63	202	47509	0.351	ng	96
30) Benzo(a)anthracene	21.37	228	25976	0.193	ng	95
31) Chrysene	21.41	228	32129	0.224	ng	97
32) Bis(2-ethylhexyl)phthalate	21.28	149	37812	0.236	ng	100
33) Indeno(1,2,3-cd)pyrene	26.53	276	15052	0.111	ng	96
35) Benzo(b)fluoranthene	23.11	252	36750	0.276	ng	# 88
36) Benzo(k)fluoranthene	23.16	252	14138m	0.100	ng	
37) Benzo(a)pyrene	23.77	252	23247	0.187	ng	# 91
38) Dibenzo(a,h)anthracene	26.55	278	3620	0.033	ng	# 68
39) Benzo(g,h,i)perylene	27.36	276	14886	0.134	ng	# 93

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

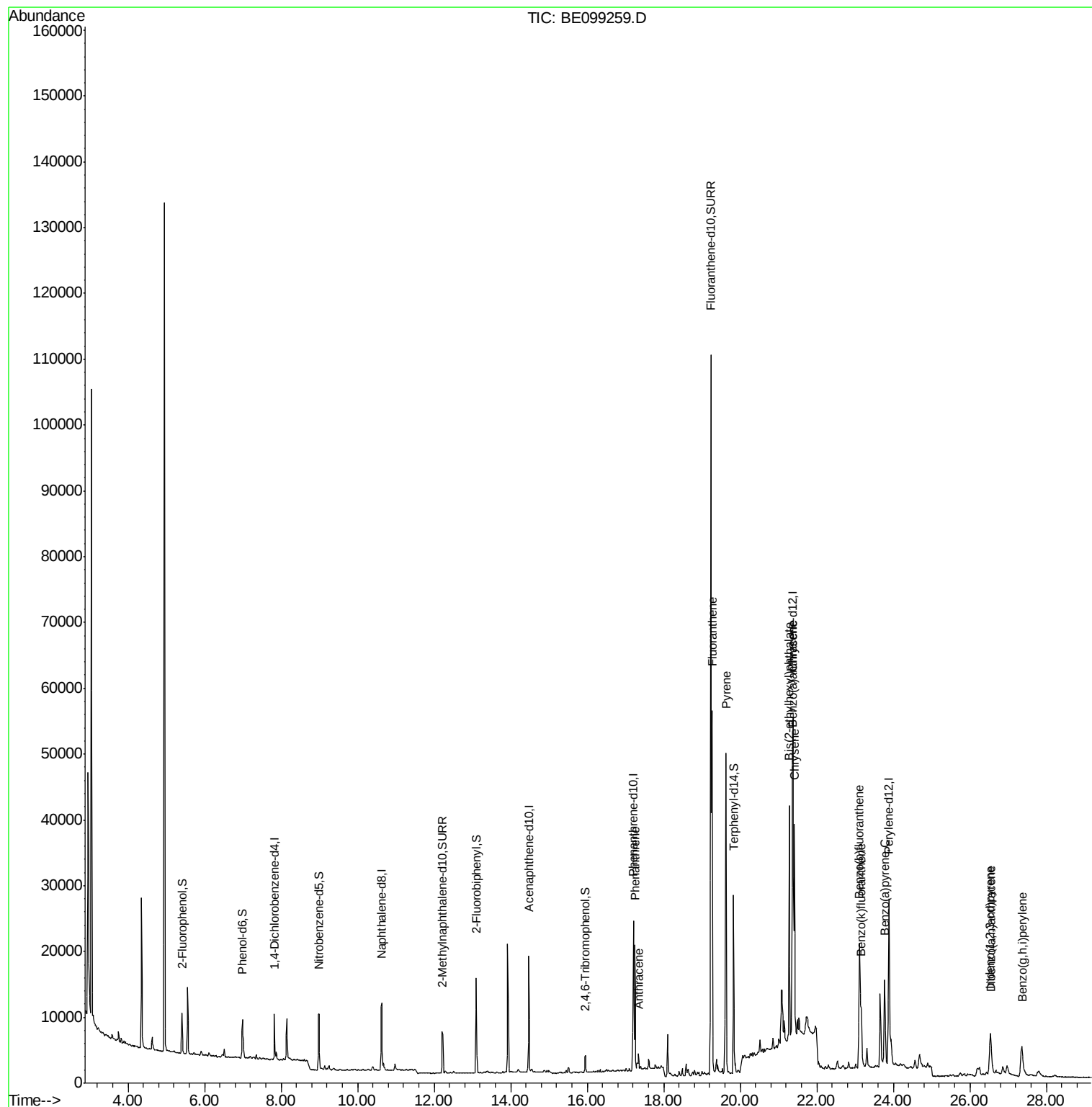
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099259.D
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Sample : K1982-04
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ALS Vial : 13 Sample Multiplier: 1

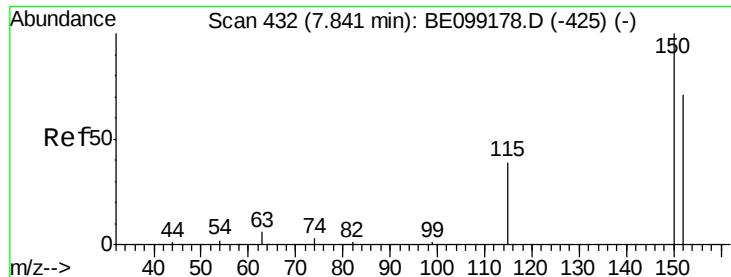
Instrument :
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EXT-028-SW005-032519

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

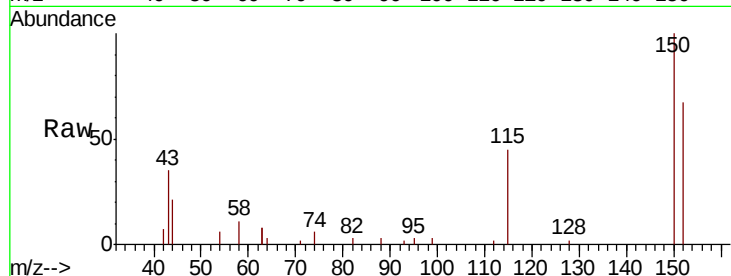
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW005-032519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.6	112.8	169.2
115	66.7	45.1	67.7

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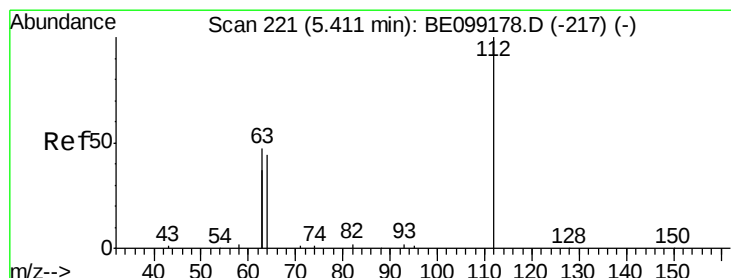
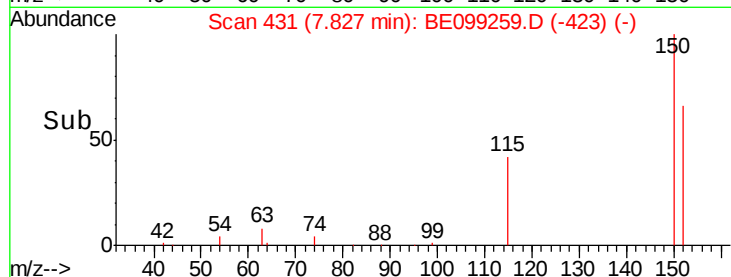
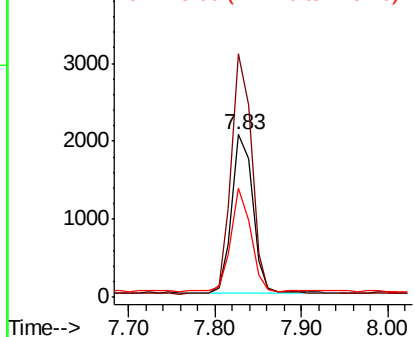


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

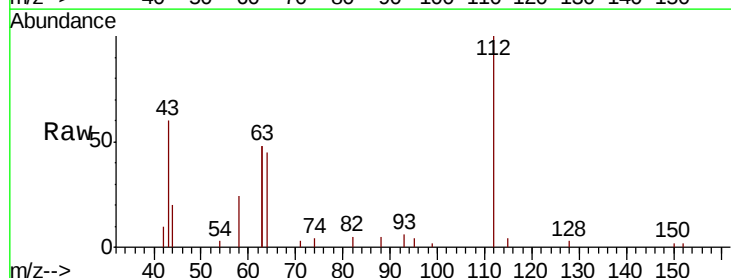
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.373 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.2	69.2
63	121.1	89.9	134.9

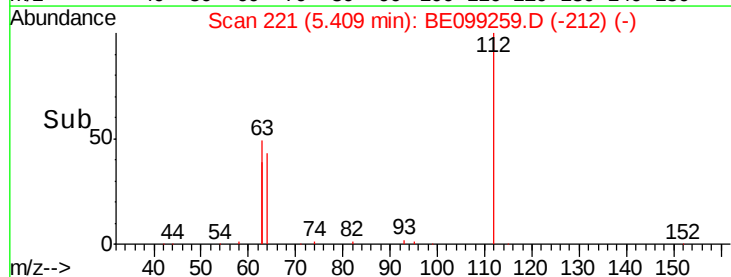
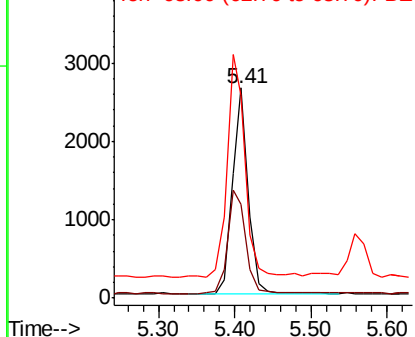


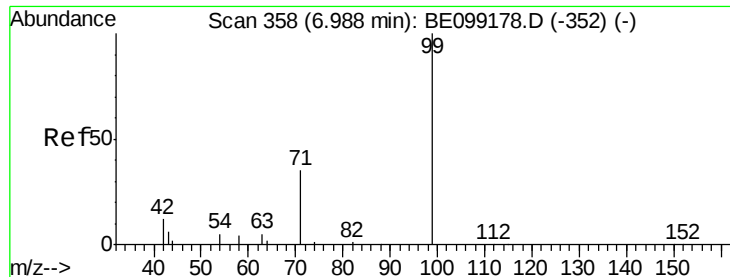
Abundance

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: 0.351 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

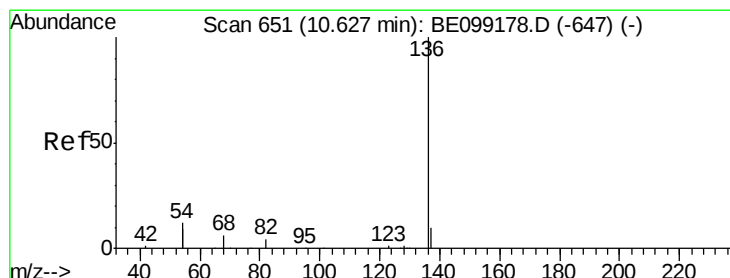
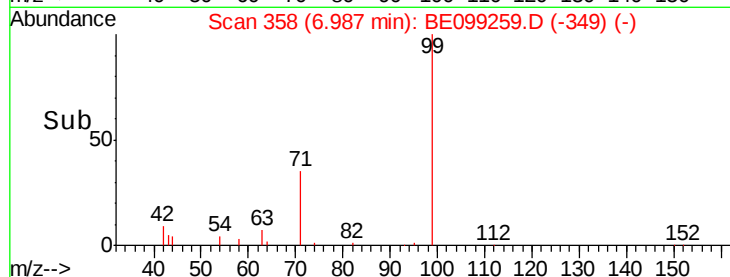
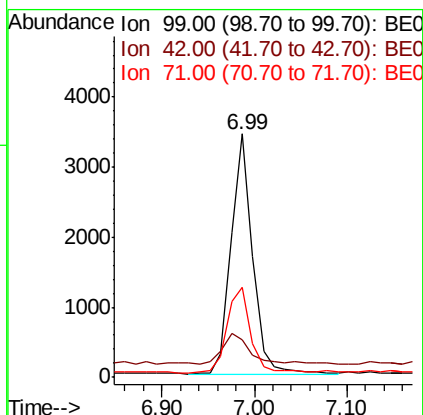
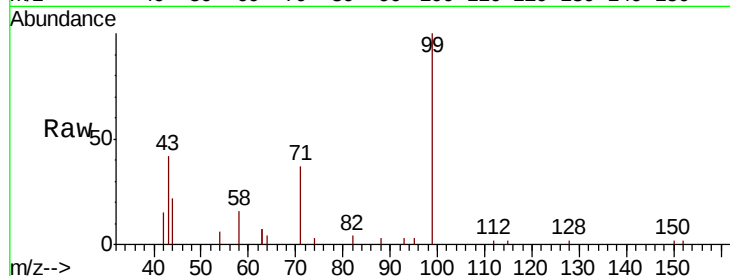
ClientSampleId :

EXT-028-SW005-032519

Tgt Ion:	99	Resp:	5575
Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.4	18.6
71	38.3	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng

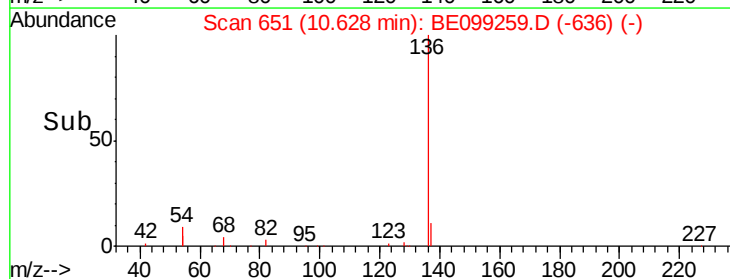
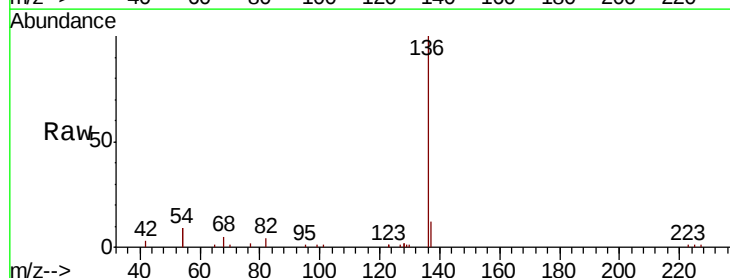
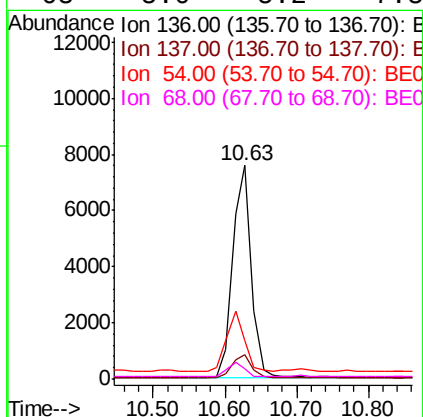
RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Tgt Ion:	136	Resp:	13563
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	18.2	18.7	28.1#
68	5.0	5.2	7.8#





#8

Nitrobenzene-d5

Concen: 0.407 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

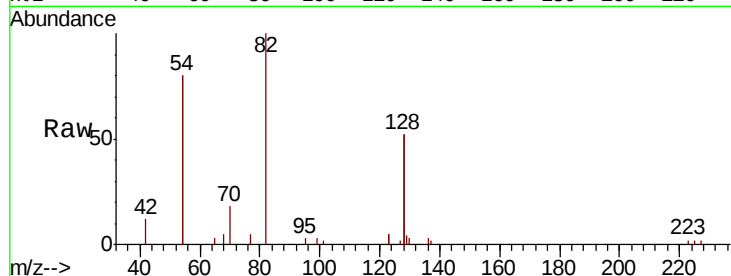
ClientSampleId :

EXT-028-SW005-032519

Tgt Ion	Ratio	Lower	Upper
82	100		
128	104.8	107.5	161.3#
54	160.8	106.3	159.5#

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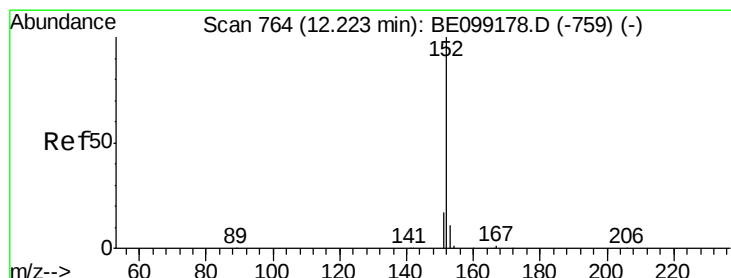
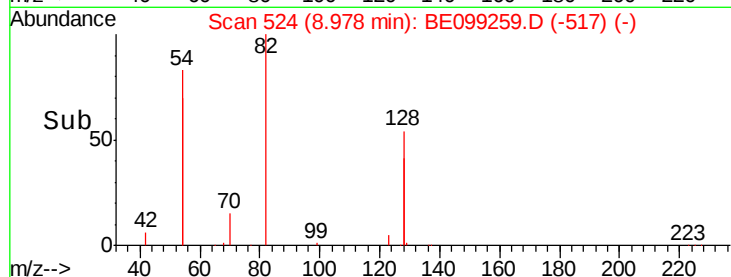
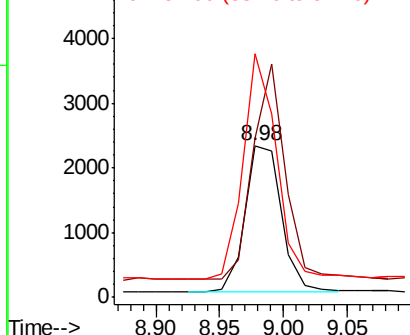


Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

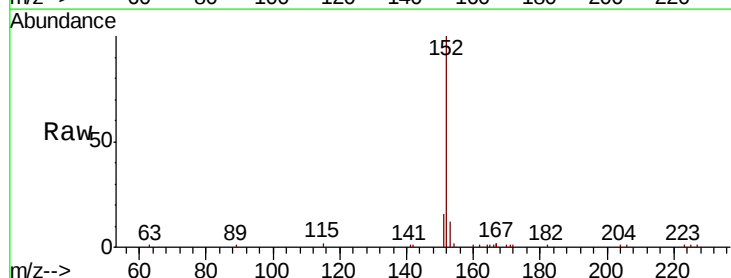
RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

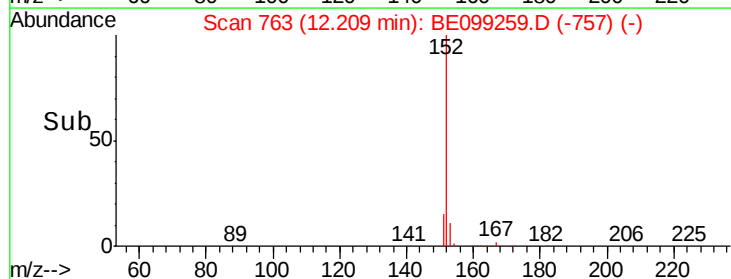
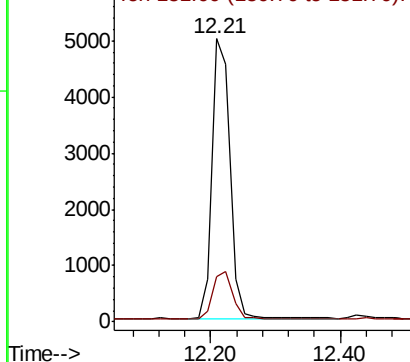
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.0	22.6

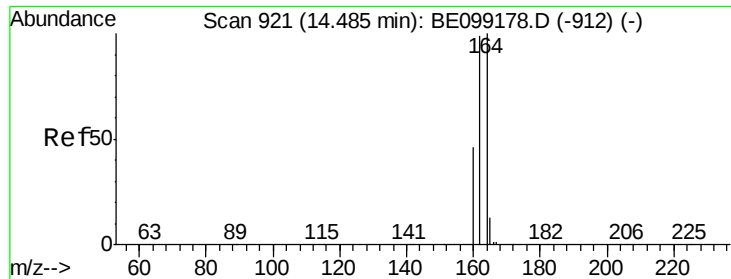


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





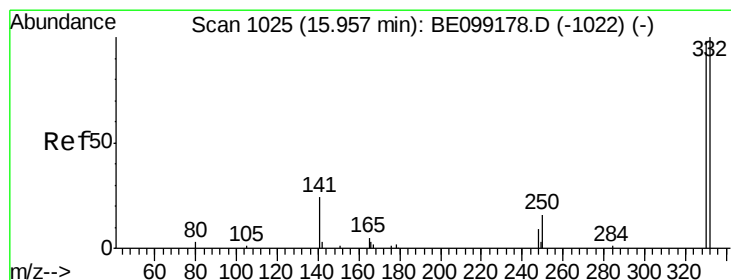
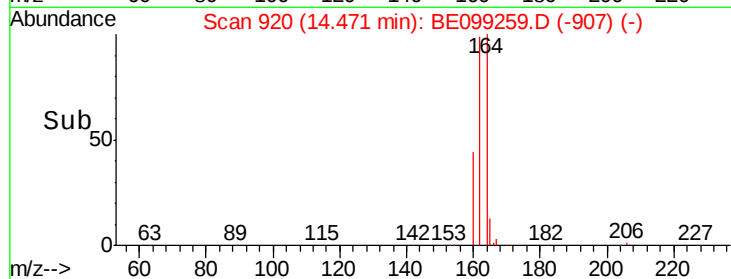
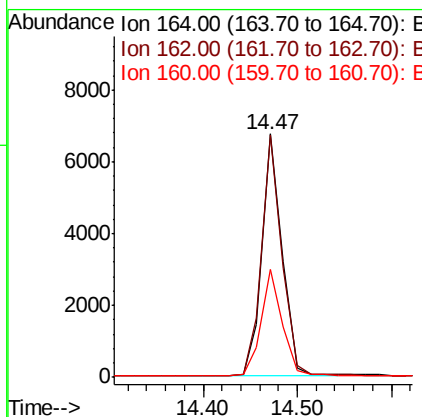
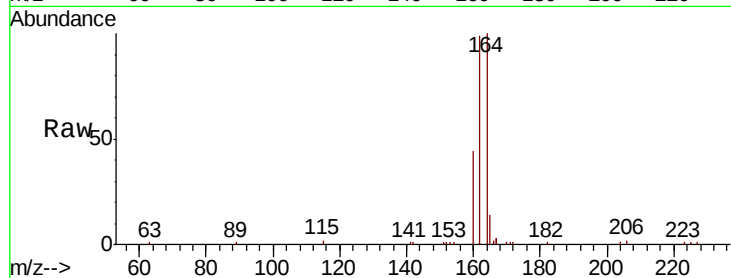
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW005-032519

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.2	118.8
160	44.4	36.7	55.1

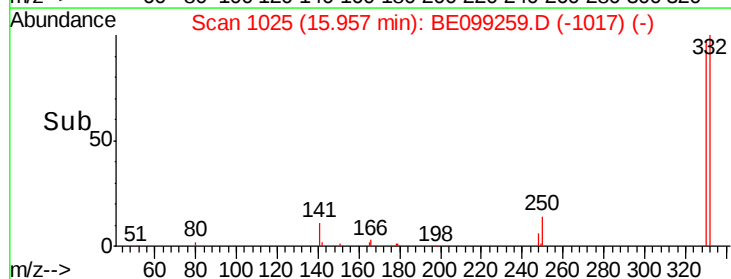
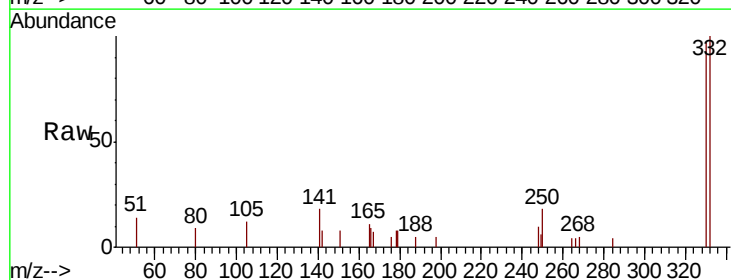
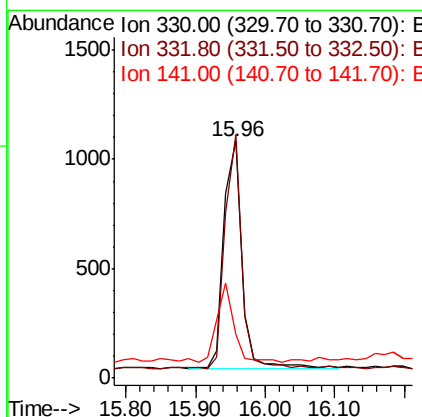
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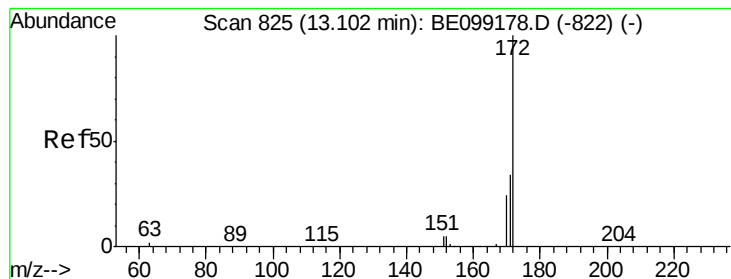
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#14
2,4,6-Tribromophenol
Concen: 0.551 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	71.3	106.9
141	33.1	21.7	32.5#





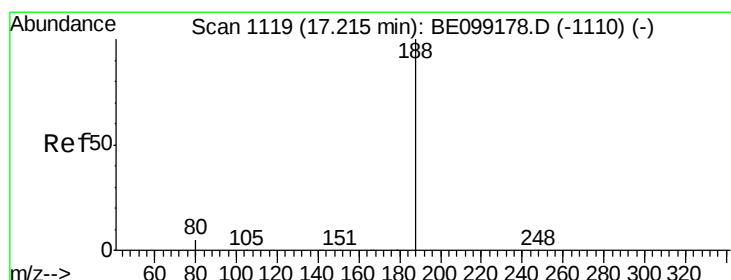
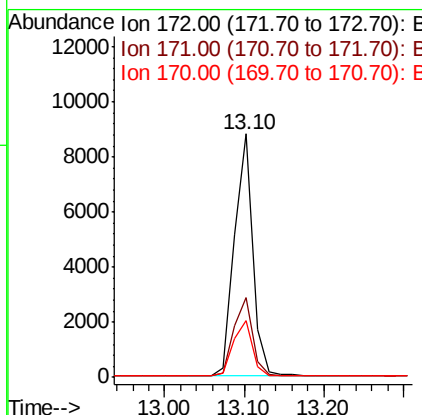
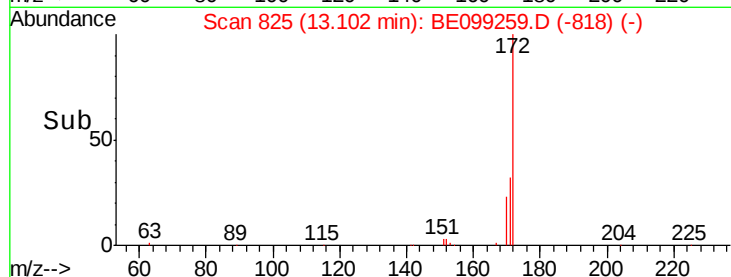
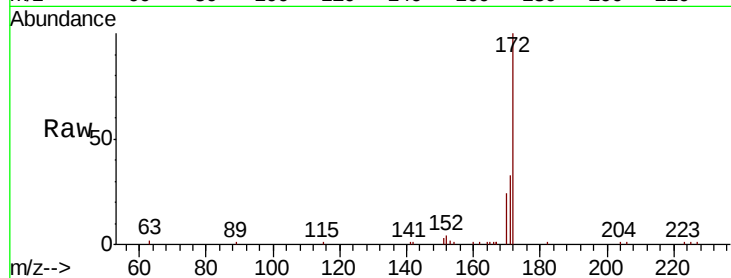
#15
 2-Fluorobiphenyl
 Concen: 0.342 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099259.D
 Acq: 29 Mar 2019 17:45

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW005-032519

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.7	27.4	41.0
170	23.5	19.1	28.7

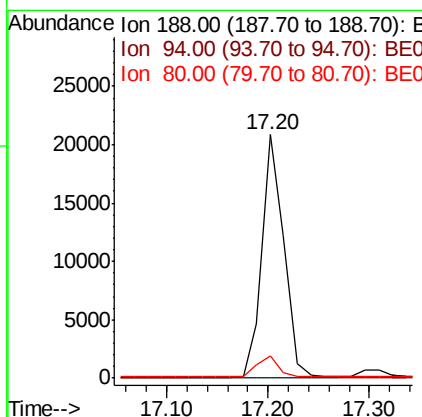
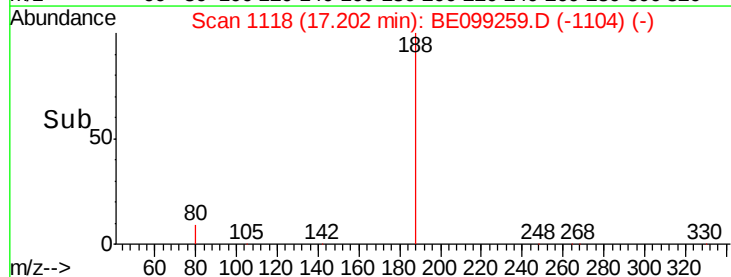
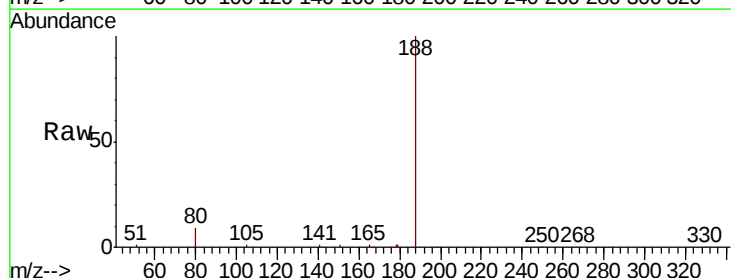
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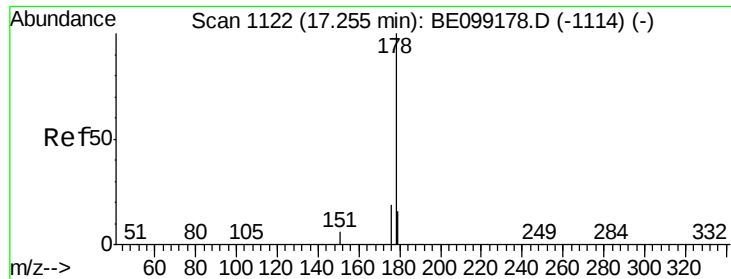
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BE099259.D
 Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	4.5	6.7#





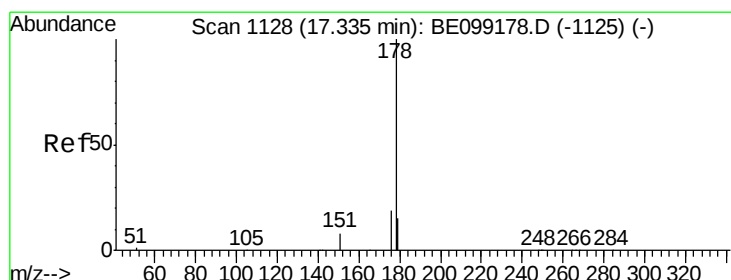
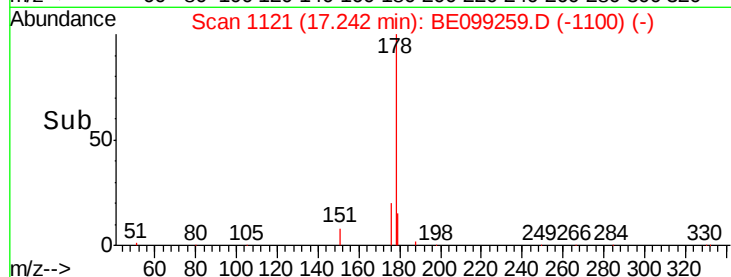
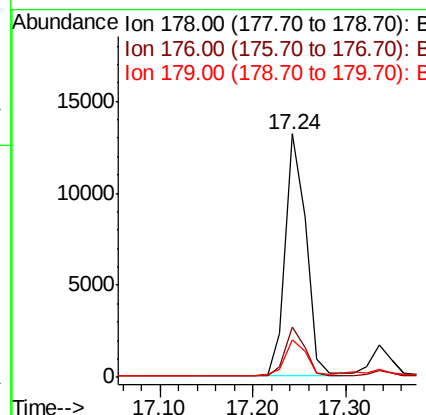
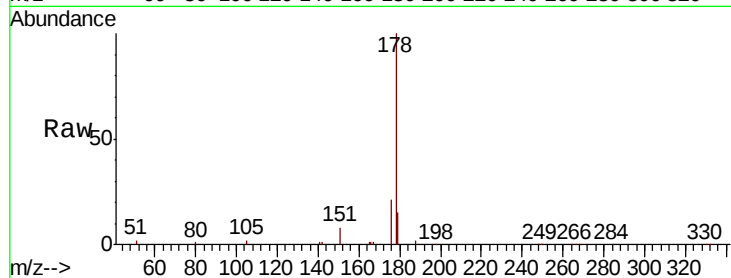
#23
Phenanthrene
Concen: 0.221 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW005-032519

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.3	12.3	18.5

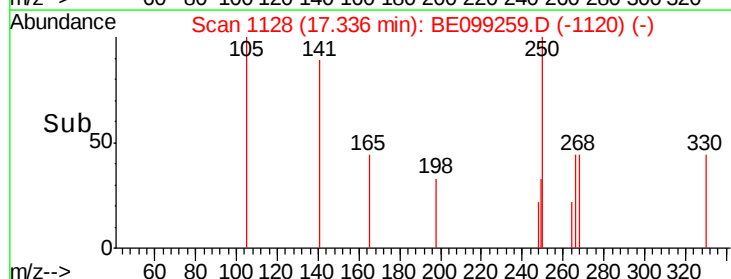
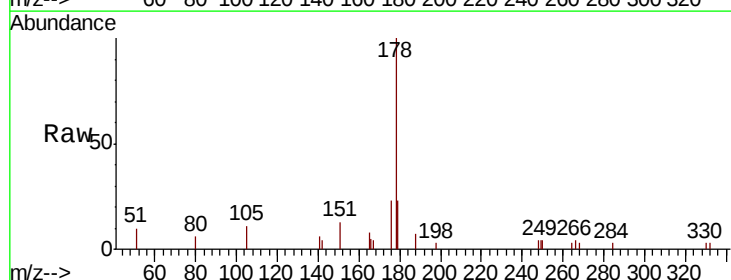
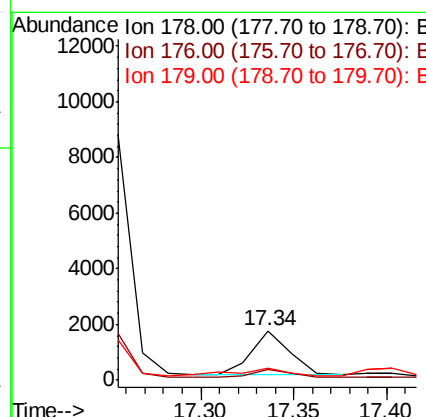
Manual Integrations
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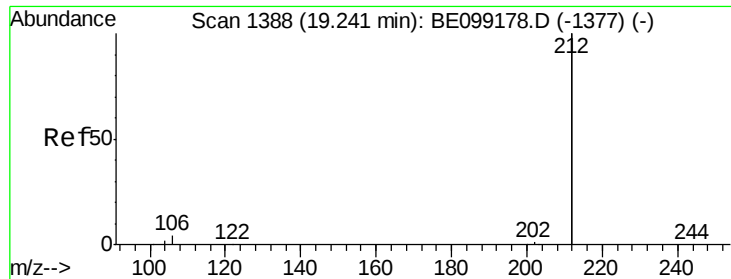
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#24
Anthracene
Concen: 0.028 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.1	22.7
179	25.0	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.23 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

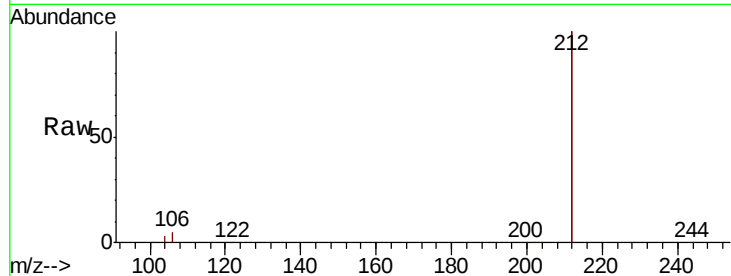
ClientSampleId :

EXT-028-SW005-032519

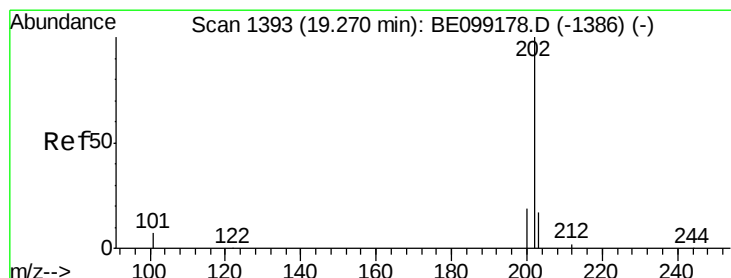
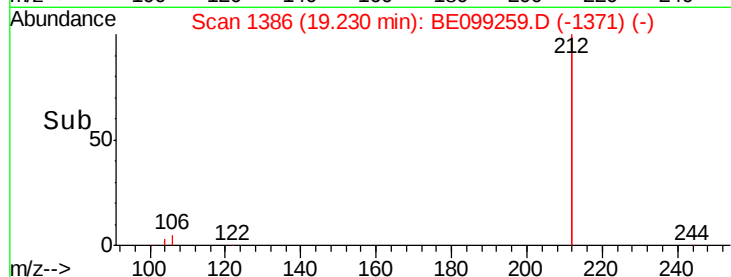
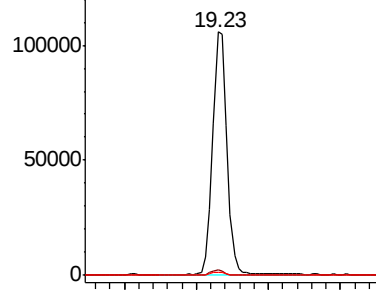
Tgt	Ion	Ratio	Resp	Lower	Upper
212	100		144450		
106	2.1	1.8	2.8		
104	1.2	1.1	1.7		

Manual Integrations
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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: 0.434 ng

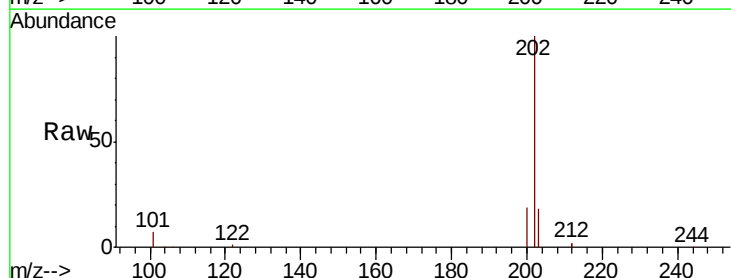
RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

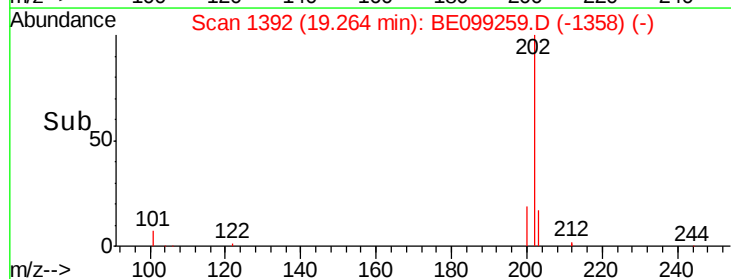
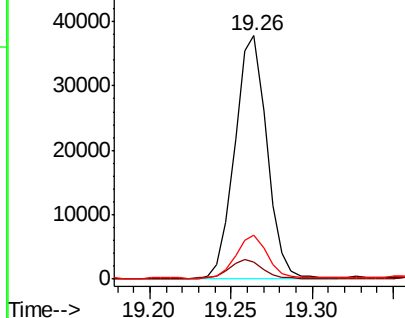
Lab File: BE099259.D

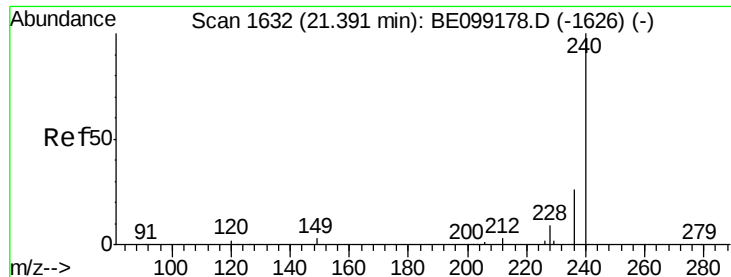
Acq: 29 Mar 2019 17:45

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		51425		
101	8.1	7.0	10.4		
203	17.2	13.8	20.6		



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





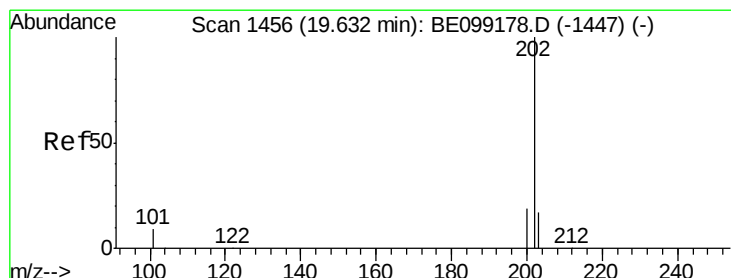
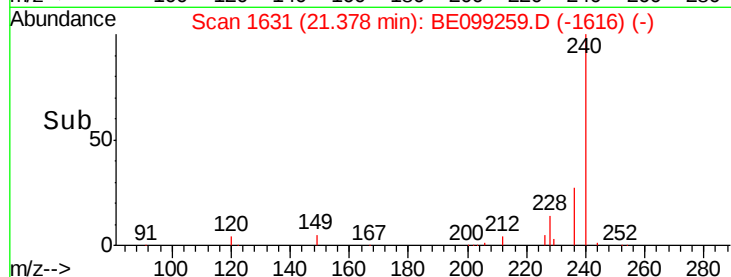
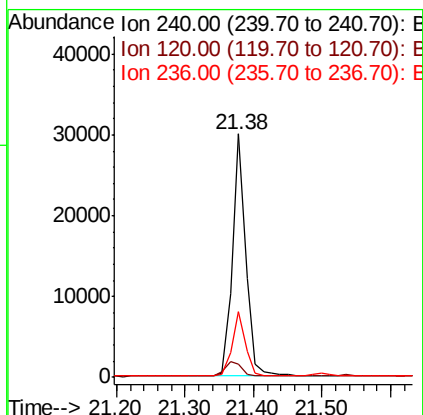
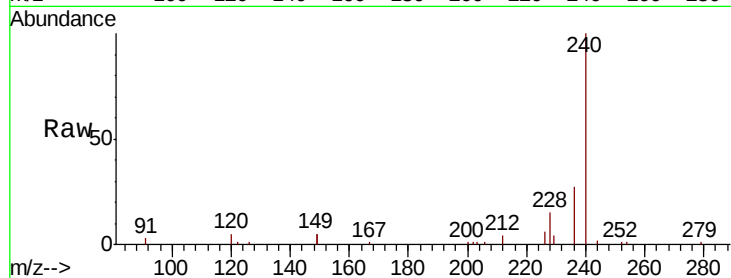
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	2.6	3.8#
236	27.0	20.9	31.3

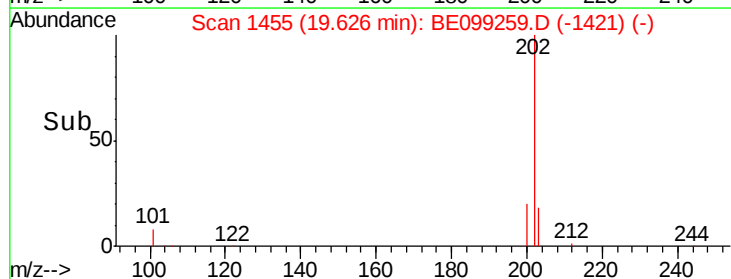
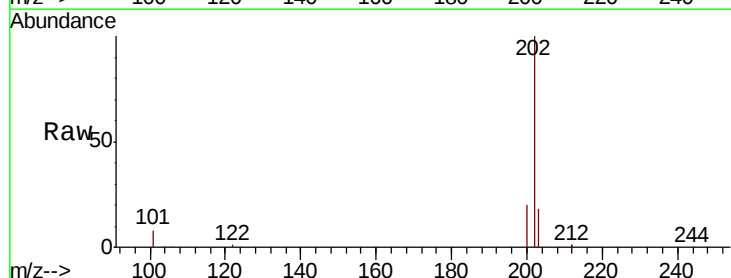
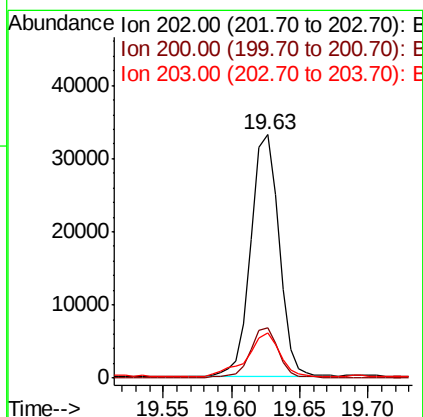
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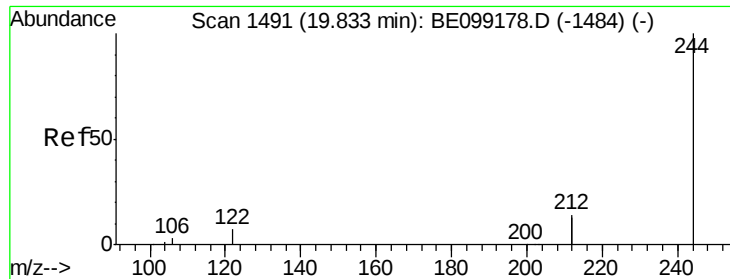
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#28
Pyrene
Concen: 0.351 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.8	23.8
203	20.9	14.1	21.1





#29

Terphenyl-d14

Concen: 0.266 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

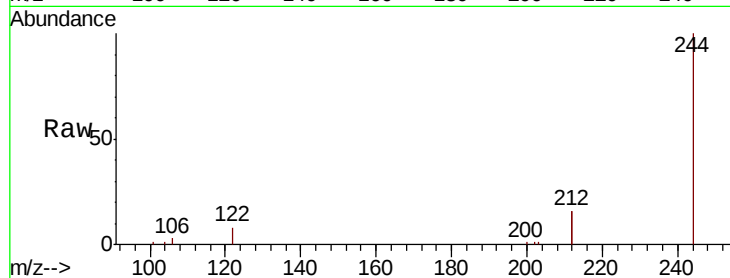
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.1	22.7	34.1
122	7.8	5.8	8.6

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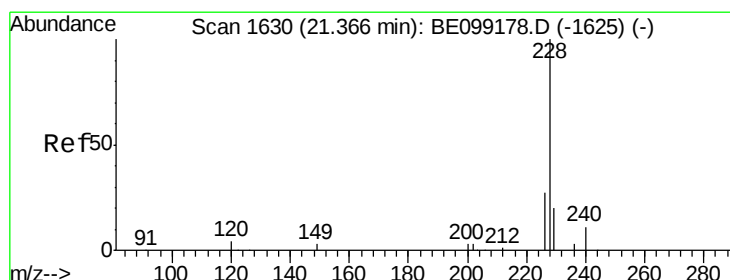
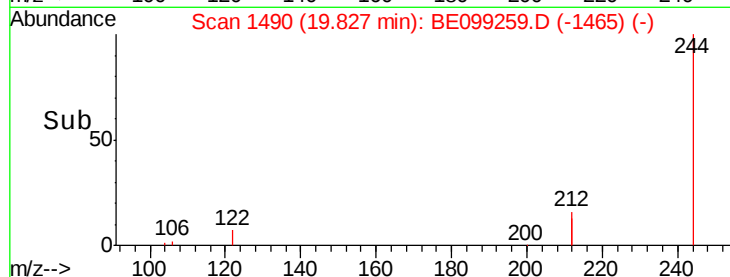
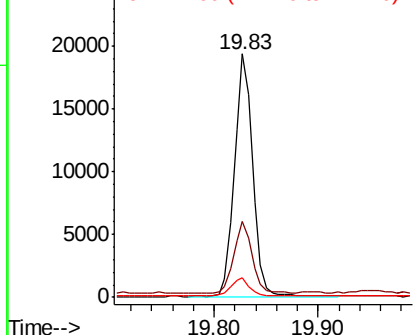


Abundance

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: 0.193 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

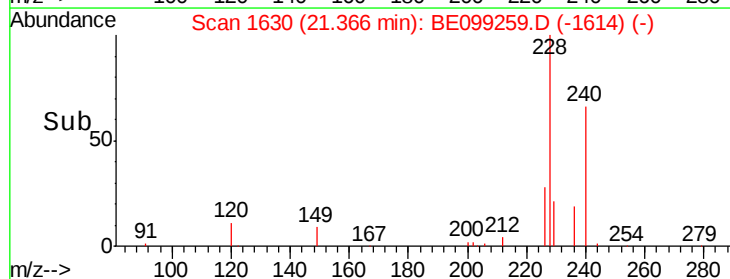
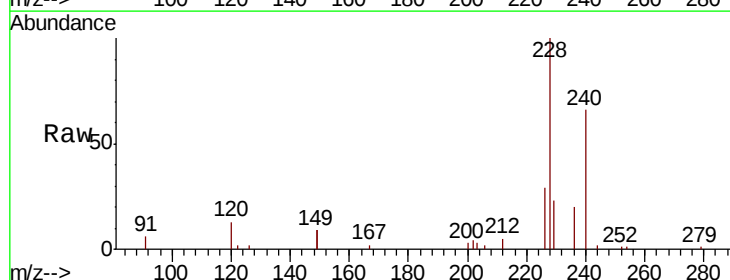
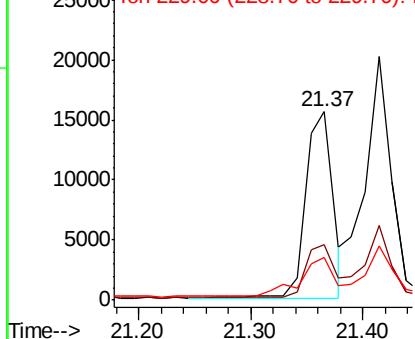
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.7	32.5
229	22.6	15.9	23.9

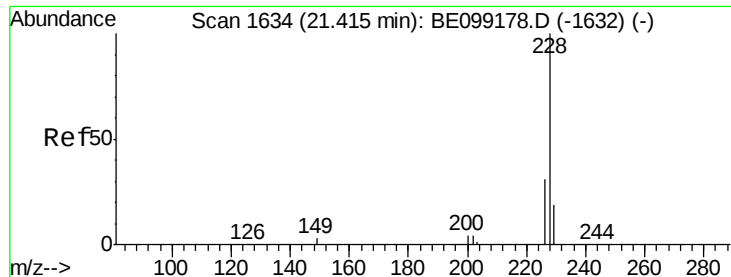
Abundance

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: 0.224 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

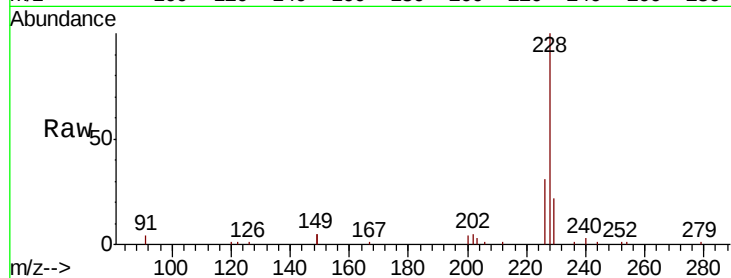
ClientSampleId :

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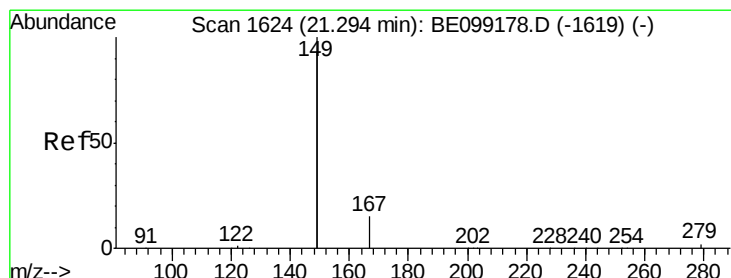
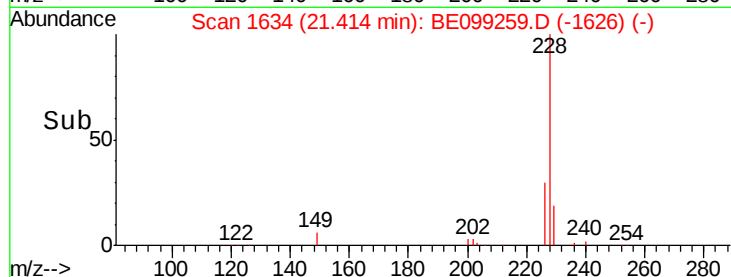
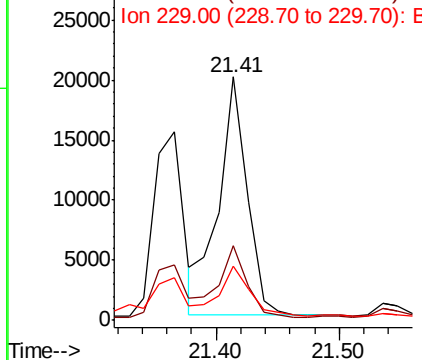
Tgt Ion:	228	Resp:	32129
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.8	37.2
229	22.1	15.4	23.0

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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.236 ng

RT: 21.28 min Scan# 1623

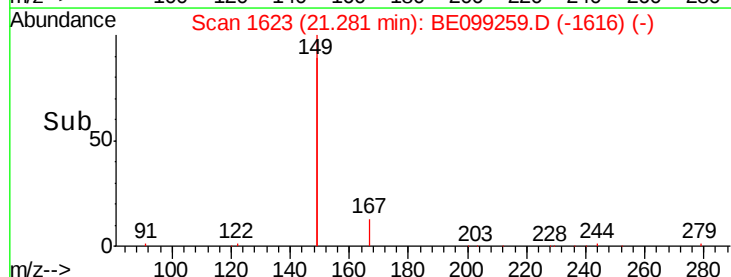
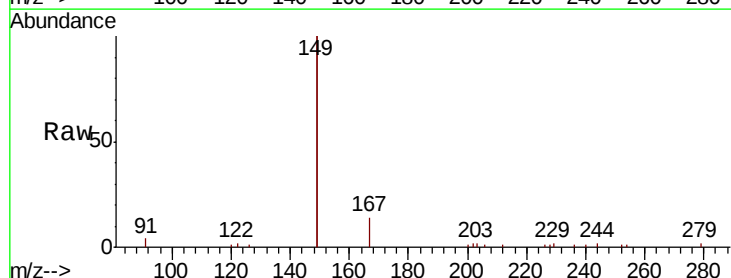
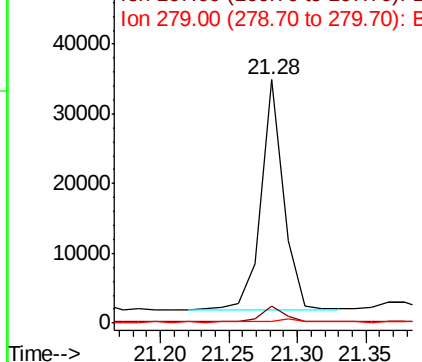
Delta R.T. -0.01 min

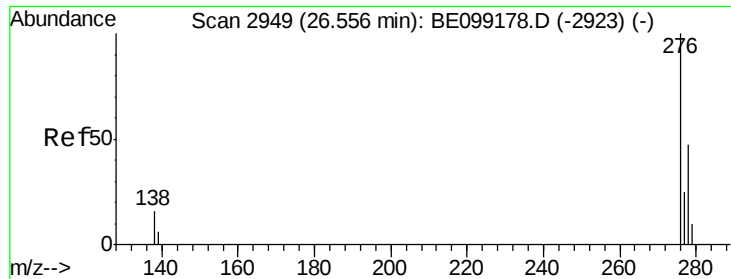
Lab File: BE099259.D

Acq: 29 Mar 2019 17:45

Tgt Ion:	149	Resp:	37812
Ion Ratio	Lower	Upper	
149	100		
167	7.2	5.9	8.9
279	1.3	1.0	1.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.111 ng

RT: 26.53 min Scan# 2942

Delta R.T. -0.02 min

Lab File: BE099259.D

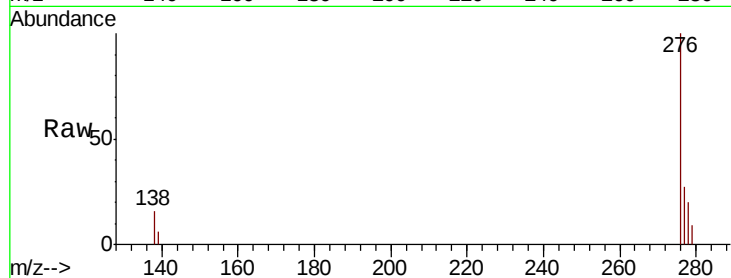
Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

ClientSampleId :

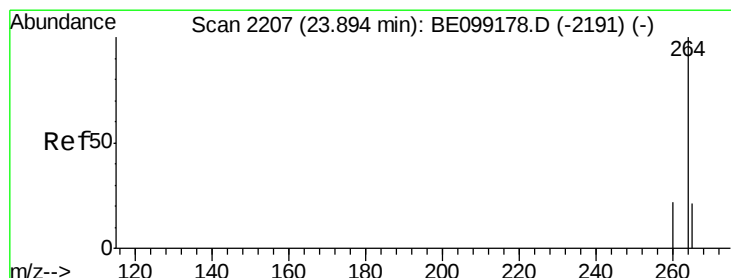
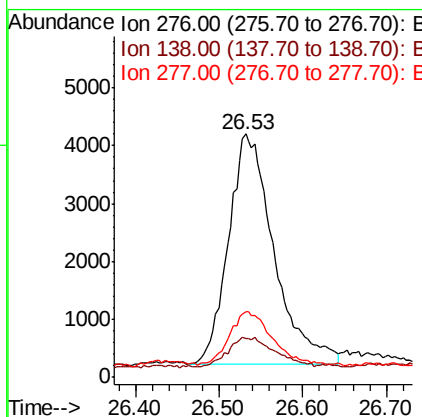
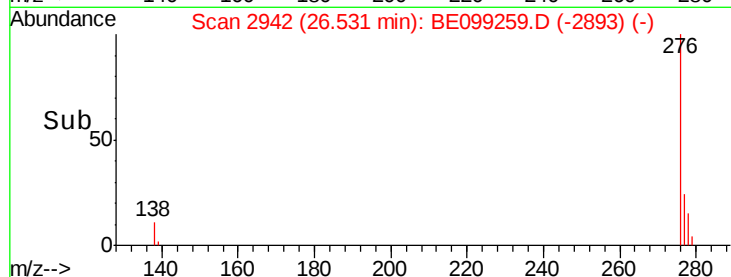
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Tgt Ion:	276	Resp:	15052
Ion Ratio	Lower	Upper	
276	100		
138	12.9	12.9	19.3
277	22.2	18.3	27.5

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#34

Perylene-d12

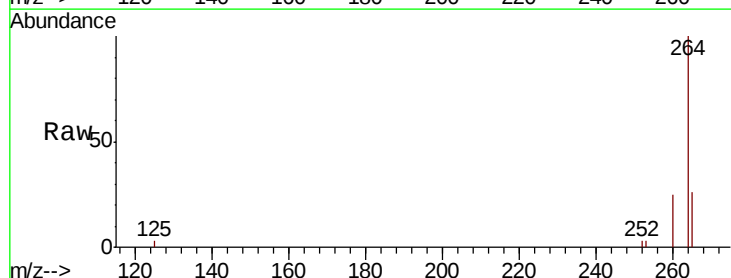
Concen: 0.400 ng

RT: 23.88 min Scan# 2204

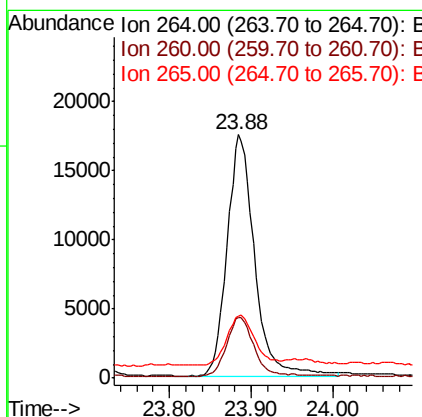
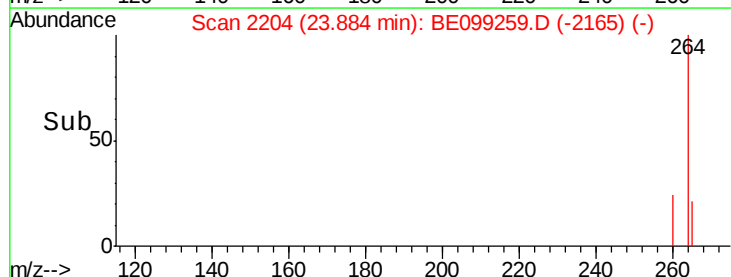
Delta R.T. -0.01 min

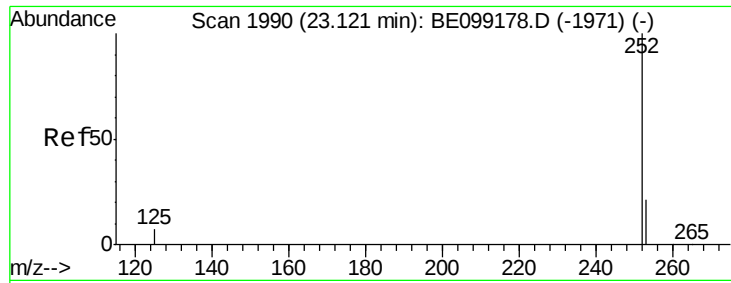
Lab File: BE099259.D

Acq: 29 Mar 2019 17:45



Tgt Ion:	264	Resp:	40488
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.2	27.2
265	25.5	21.8	32.8





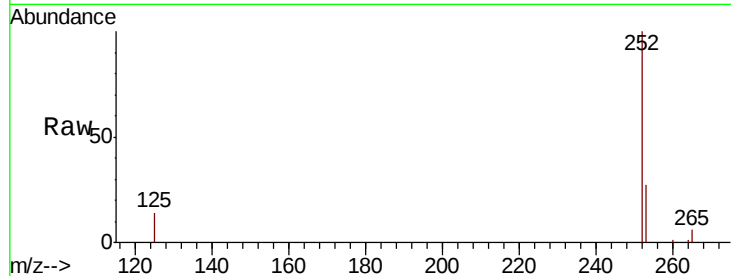
#35
Benzo(b)fluoranthene
Concen: 0.276 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW005-032519

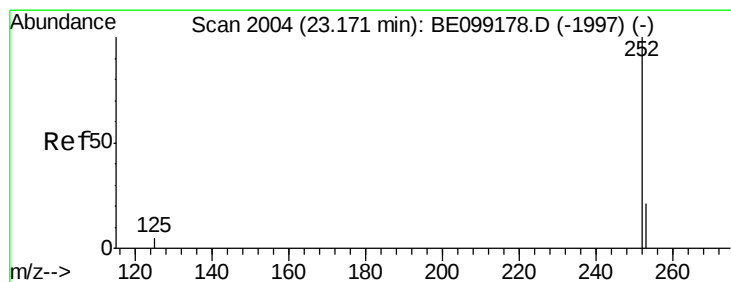
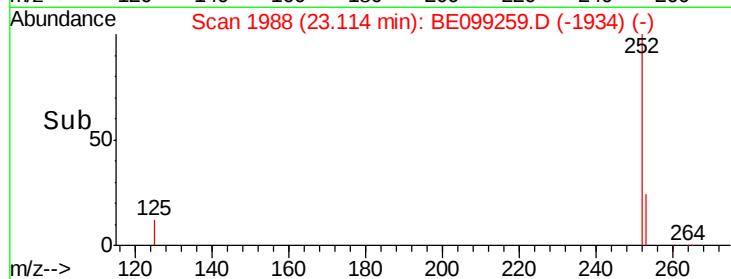
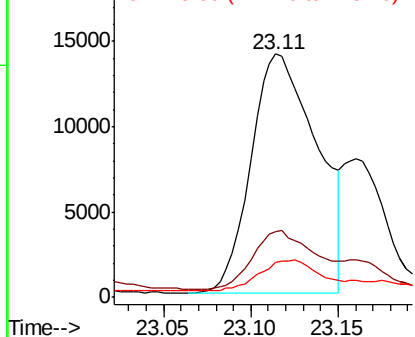
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	14.3	6.1	9.1#

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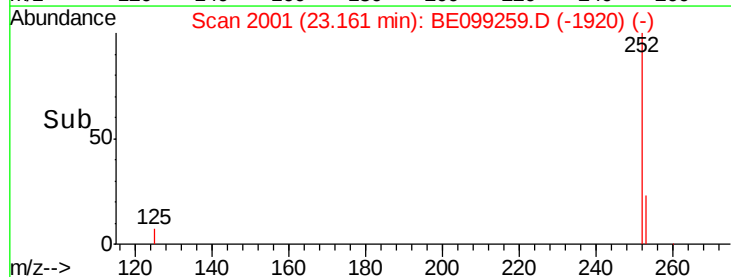
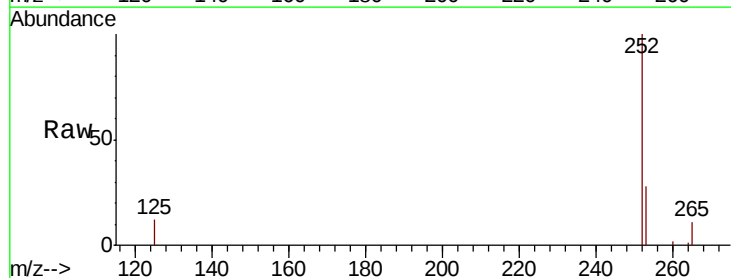
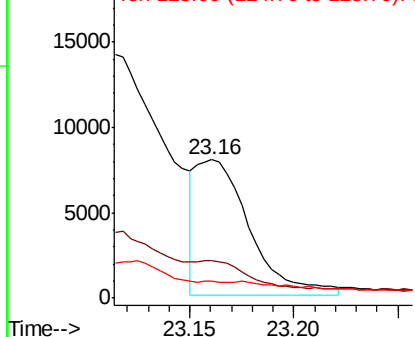
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

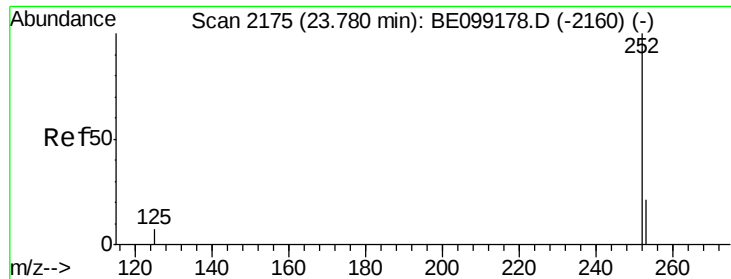


#36
Benzo(k)fluoranthene
Concen: 0.100 ng m
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.8	26.6#
125	11.9	5.9	8.9#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





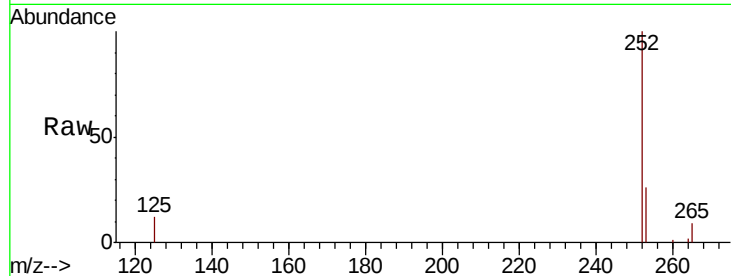
#37
Benzo(a)pyrene
Concen: 0.187 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Instrument :
BNA_E
ClientSampleId :
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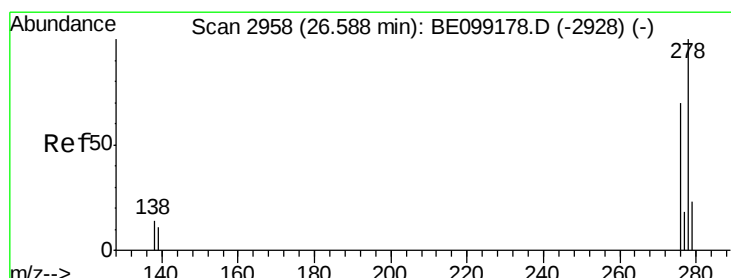
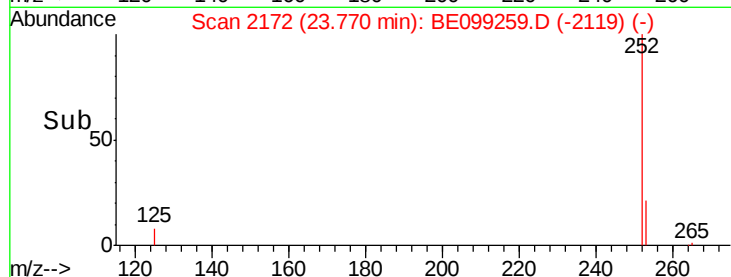
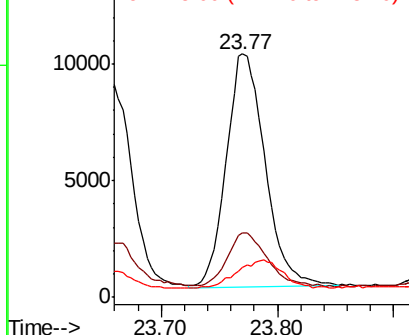
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.1	27.1
125	12.1	6.8	10.2

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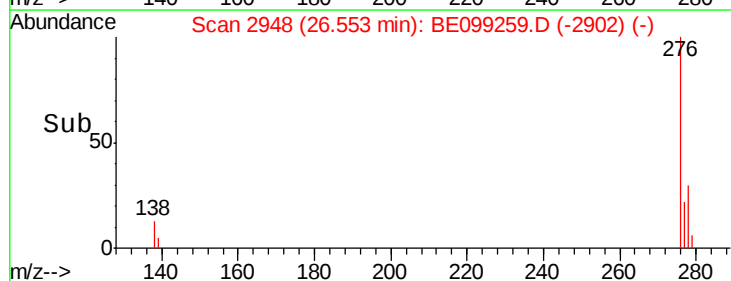
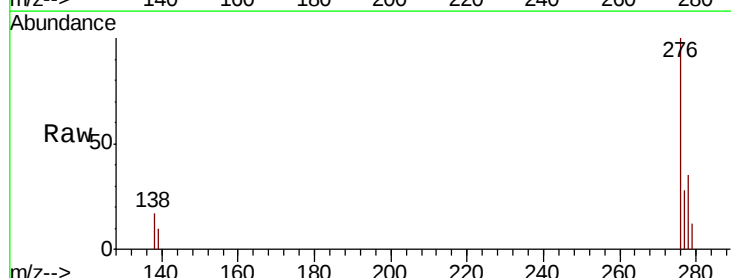
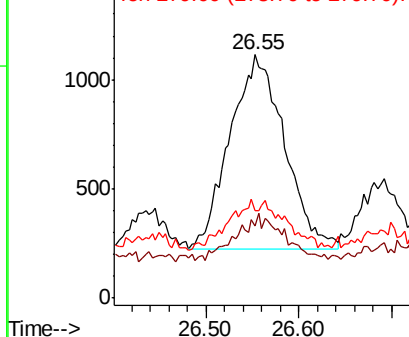
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

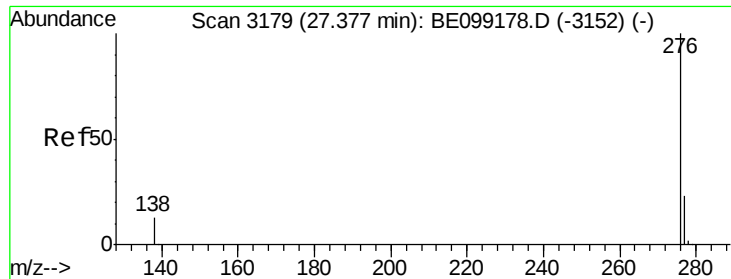


#38
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.04 min
Lab File: BE099259.D
Acq: 29 Mar 2019 17:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.8	9.5	14.3
279	35.9	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.134 ng

RT: 27.36 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BE099259.D

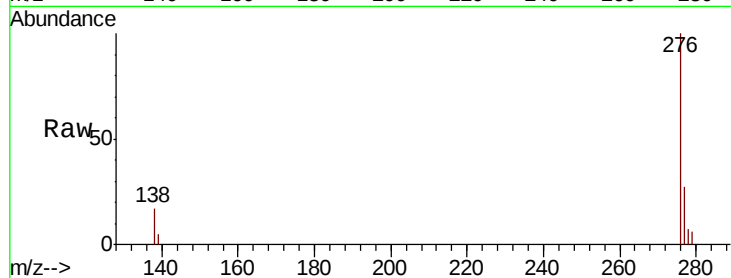
Acq: 29 Mar 2019 17:45

Instrument :

BNA_E

ClientSampleId :

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Tgt	Ion	276	Resp:	14886
	Ratio	100	Lower	Upper
	276	100		
	277	27.1	19.0	28.4
	138	17.2	11.1	16.7#

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