

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060419\
 Data File : BE099794.D
 Acq On : 4 Jun 2019 10:29
 Operator : JU/SJ
 Sample : PB120277BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:41:08 PM

Quant Time: Jun 05 11:52:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1517	0.40	ng	0.00
7) Naphthalene-d8	10.62	136	5034	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3192	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9508	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19891	0.40	ng	0.00
34) Perylene-d12	23.95	264	23707	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1268	0.33	ng	0.01
5) Phenol-d6	6.99	99	1545	0.30	ng	0.01
8) Nitrobenzene-d5	8.98	82	1326	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3197m	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	468	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	4119	0.34	ng	0.01
25) Fluoranthene-d10	19.26	212	50604	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	11317	0.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	857	0.382	ng	# 65
3) n-Nitrosodimethylamine	3.62	42	408	0.329	ng	# 64
6) bis(2-Chloroethyl)ether	7.24	93	1499	0.332	ng	97
9) Naphthalene	10.67	128	19130	0.355	ng	100
10) Hexachlorobutadiene	10.94	225	1429	0.360	ng	97
12) 2-Methylnaphthalene	12.30	142	2826	0.322	ng	96
16) Acenaphthylene	14.21	152	5099	0.343	ng	100
17) Acenaphthene	14.54	154	2887	0.346	ng	99
18) Fluorene	15.53	166	3998	0.325	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	1729	0.315	ng	99
21) Hexachlorobenzene	16.53	284	1983	0.353	ng	99
22) Pentachlorophenol	16.93	266	163	0.277	ng	83
23) Phenanthrene	17.27	178	7859	0.338	ng	99
24) Anthracene	17.36	178	6785	0.322	ng	100
26) Fluoranthene	19.29	202	14822	0.404	ng	100
28) Pyrene	19.66	202	15932	0.319	ng	99
30) Benzo(a)anthracene	21.39	228	22454	0.397	ng	99
31) Chrysene	21.45	228	22595	0.374	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	22546	0.346	ng	99
33) Indeno(1,2,3-cd)pyrene	26.64	276	29520	0.405	ng	99
35) Benzo(b)fluoranthene	23.16	252	24629m	0.379	ng	
36) Benzo(k)fluoranthene	23.21	252	26346	0.389	ng	100
37) Benzo(a)pyrene	23.84	252	24553	0.393	ng	# 94
38) Dibenzo(a,h)anthracene	26.66	278	23661	0.360	ng	# 97
39) Benzo(g,h,i)perylene	27.47	276	24924	0.376	ng	99

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

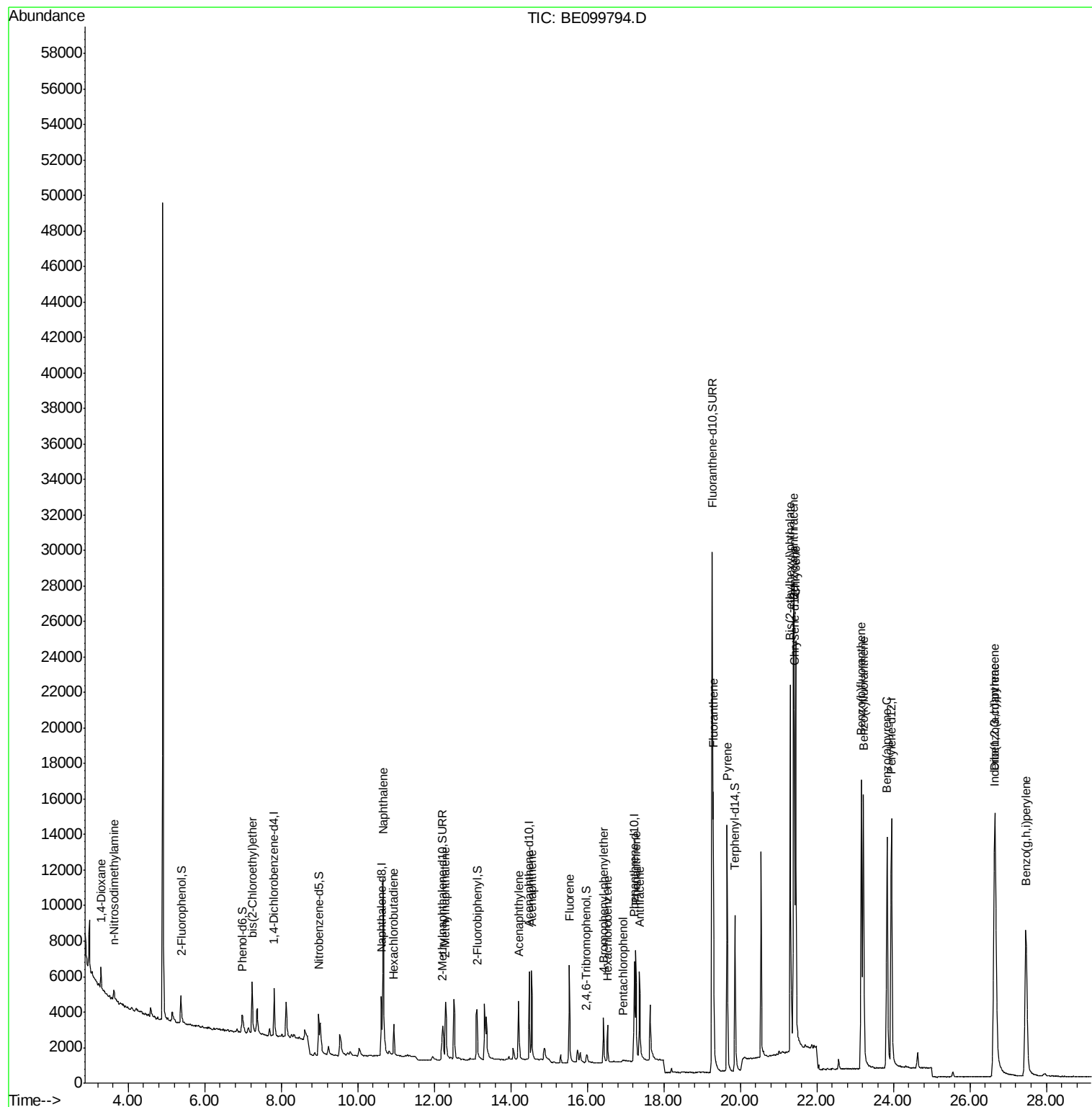
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060419\
Data File : BE099794.D
Acq On : 4 Jun 2019 10:29
Operator : JU/SJ
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

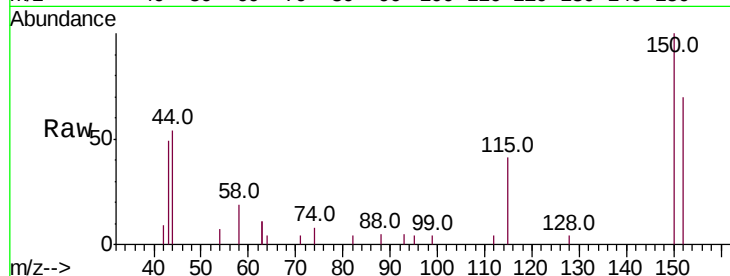
ClientSampleId :

PB120277BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	109.2	163.8
115	57.9	43.7	65.5

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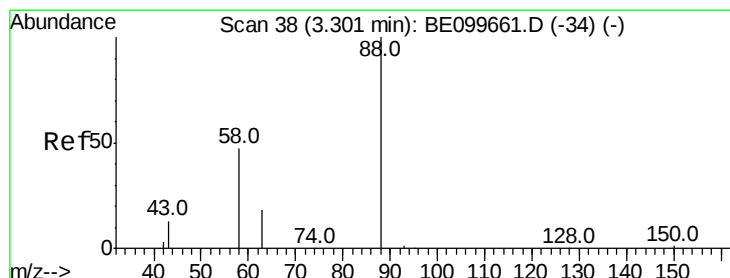
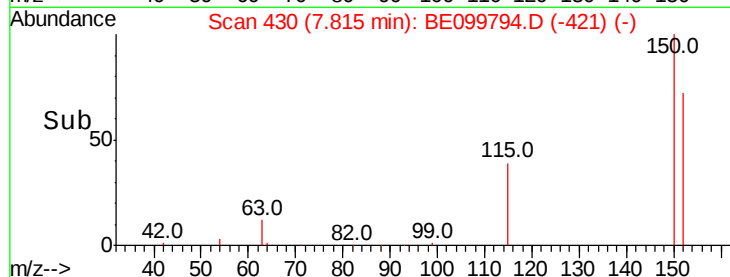
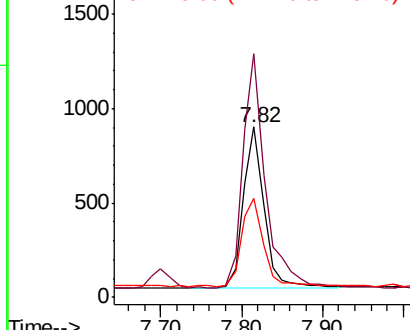


Abundance

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: 0.382 ng

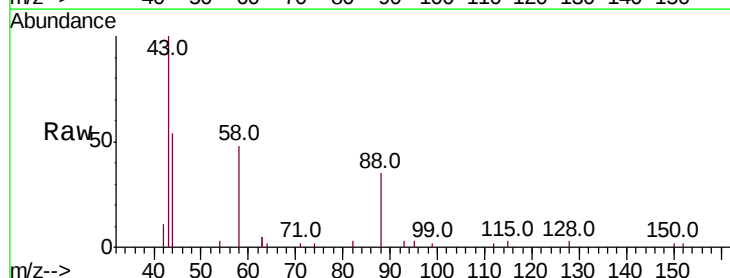
RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	41.8	62.8#
43	55.8	15.0	22.4#

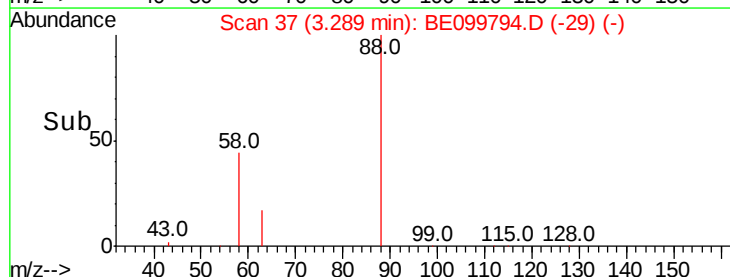
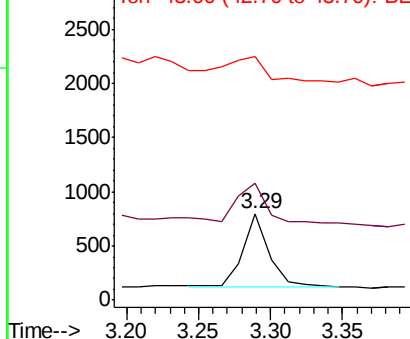


Abundance

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

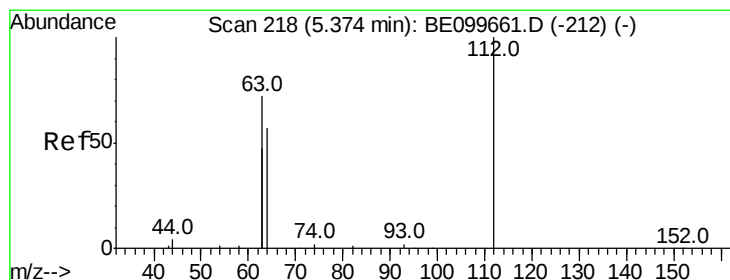
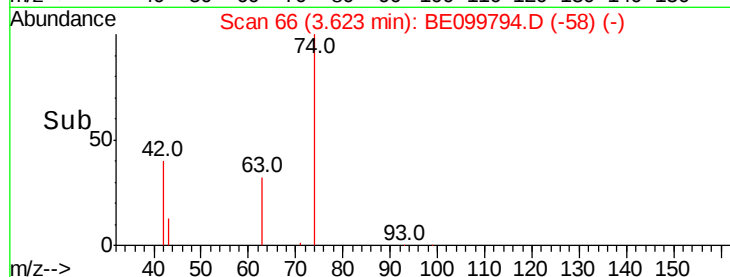
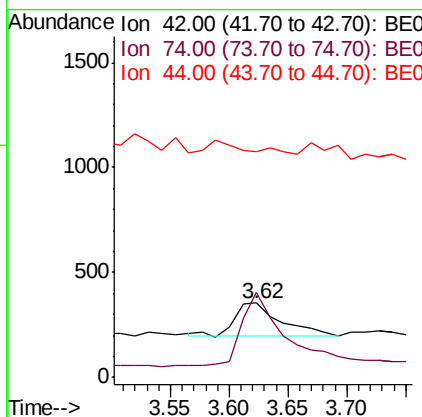
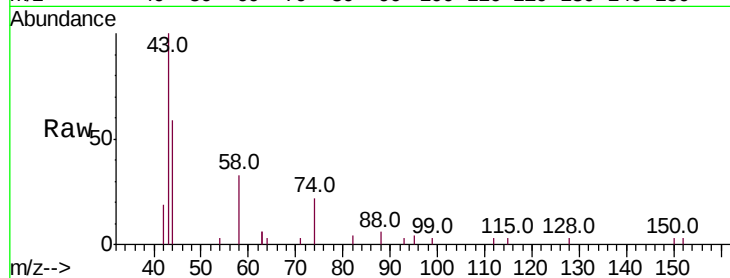
n-Nitrosodimethylamine
 Concen: 0.329 ng
 RT: 3.62 min Scan# 66
 Delta R.T. -0.01 min
 Lab File: BE099794.D
 Acq: 4 Jun 2019 10:29

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	209.8	129.2	193.8#
44	0.0	0.0	0.0

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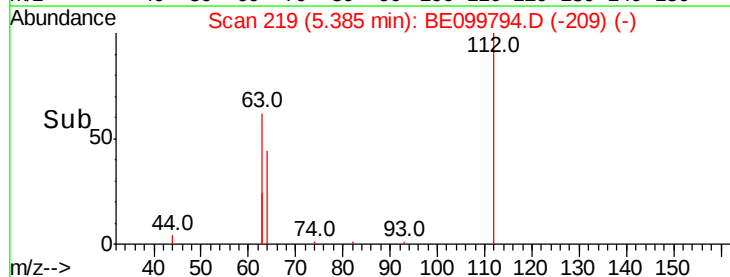
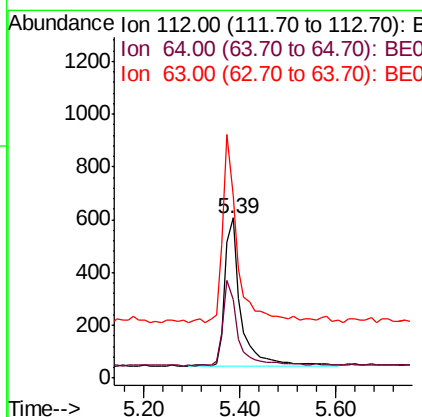
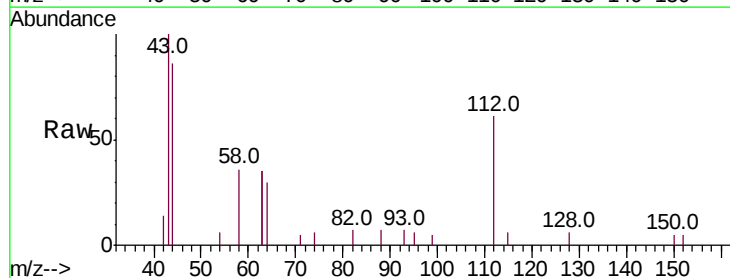
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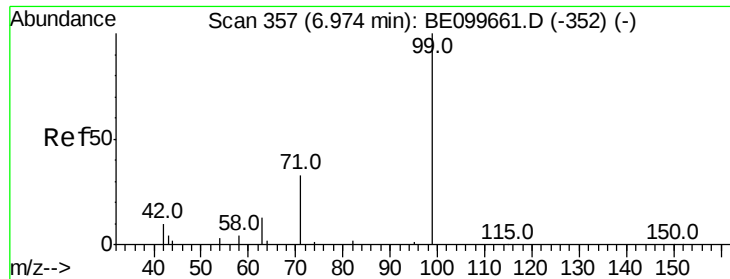


#4

2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BE099794.D
 Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.4	65.2
63	112.7	96.9	145.3





#5

Phenol-d6

Concen: 0.304 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

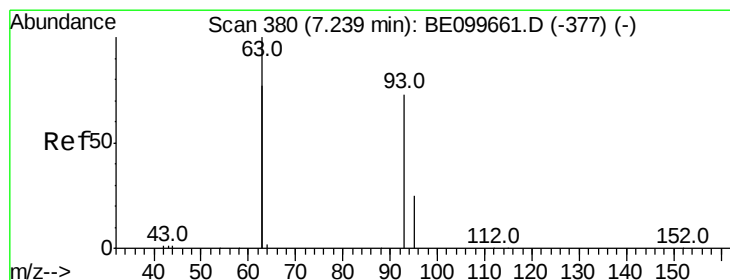
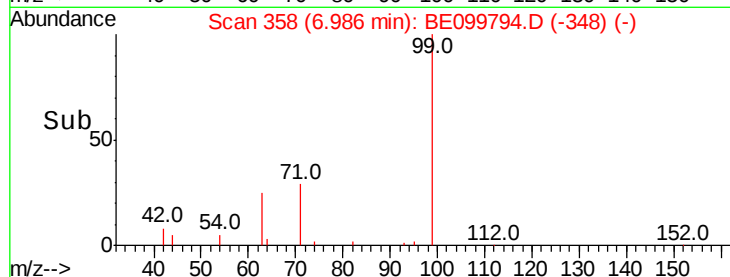
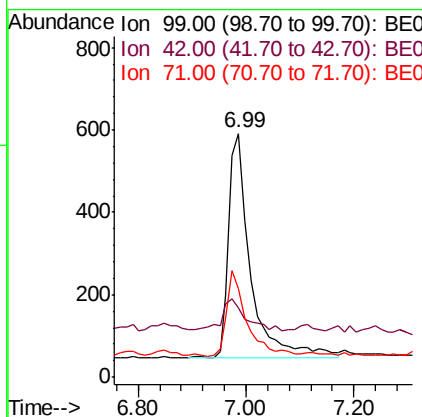
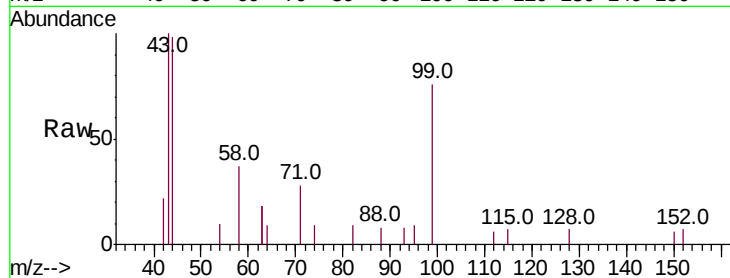
ClientSampleId :

PB120277BSD

Tot Ion:	99	Resp:	1545
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.2	28.9	43.3

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#6

bis(2-Chloroethyl)ether

Concen: 0.332 ng

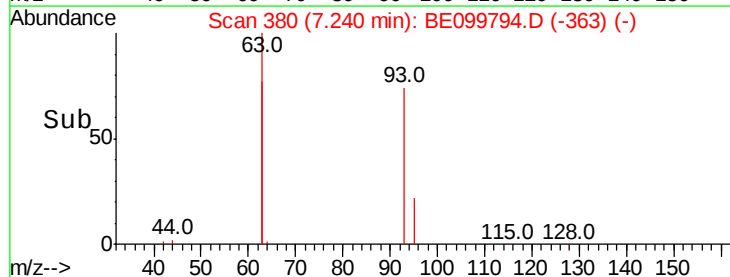
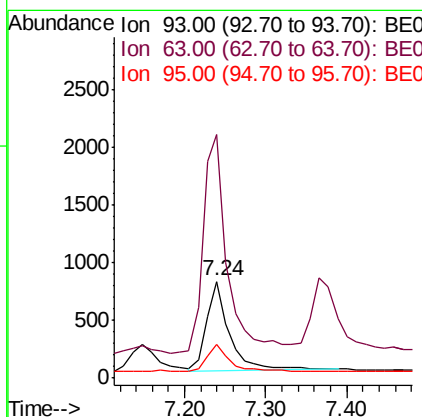
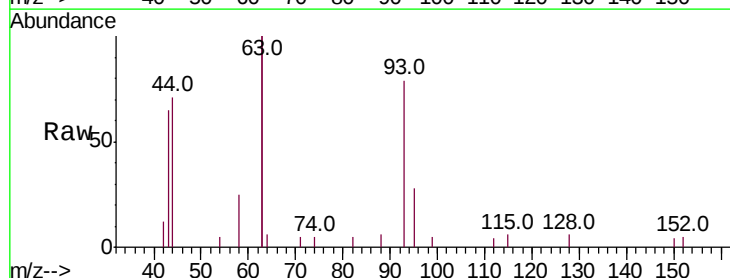
RT: 7.24 min Scan# 380

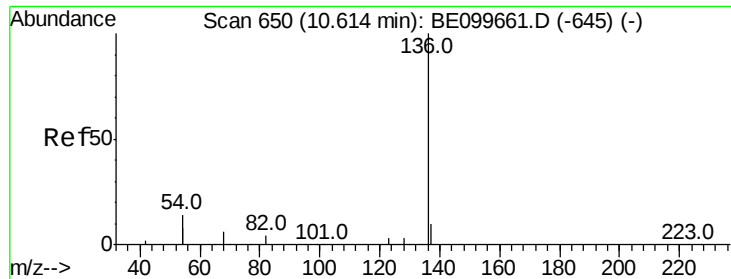
Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion:	93	Resp:	1499
Ion	Ratio	Lower	Upper
93	100		
63	264.4	207.8	311.6
95	31.6	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

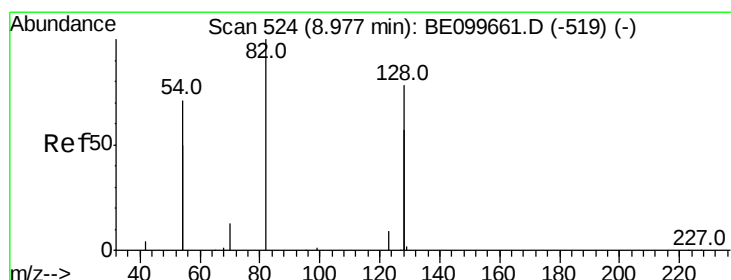
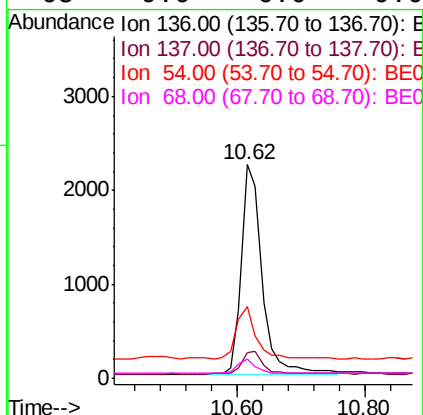
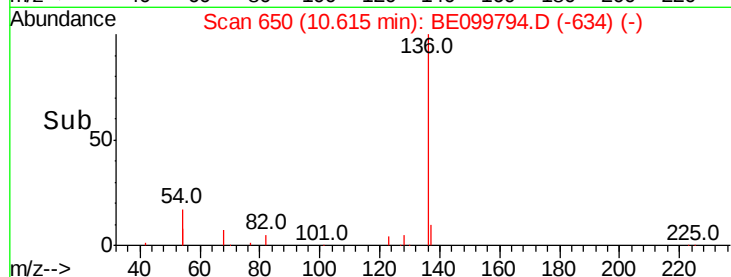
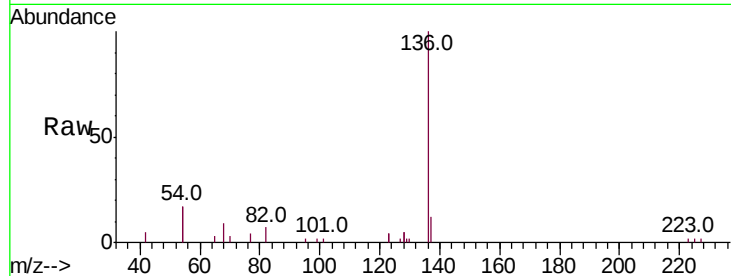
ClientSampleId :

PB120277BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	33.3	22.3	33.5
68	9.0	6.0	9.0#

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#8

Nitrobenzene-d5

Concen: 0.304 ng

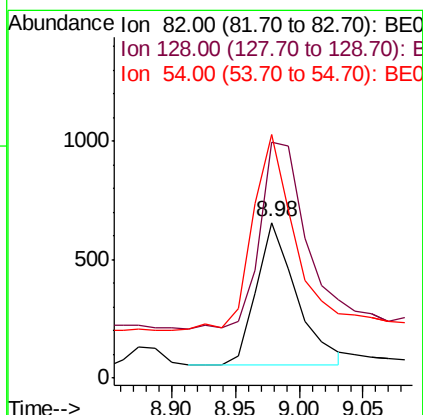
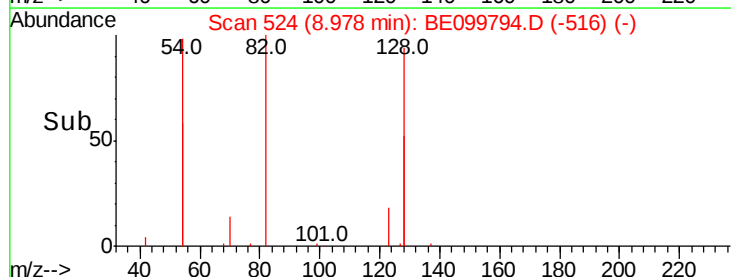
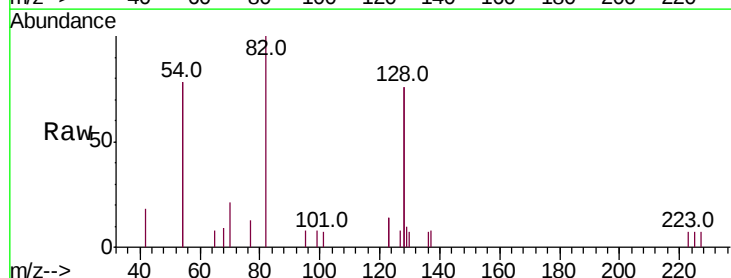
RT: 8.98 min Scan# 524

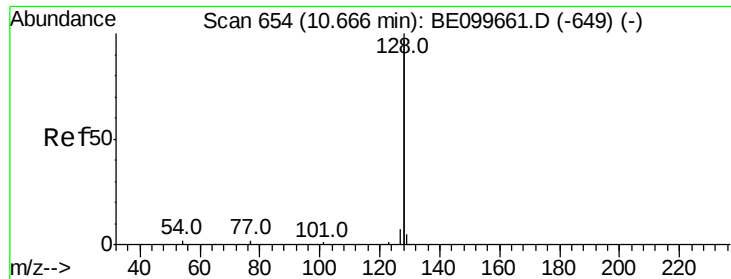
Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	151.1	117.7	176.5
54	156.2	106.6	160.0





#9

Naphthalene

Concen: 0.355 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

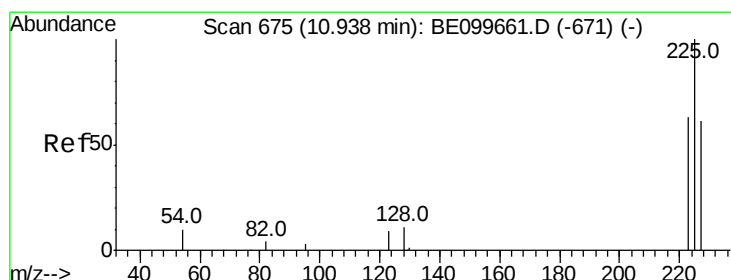
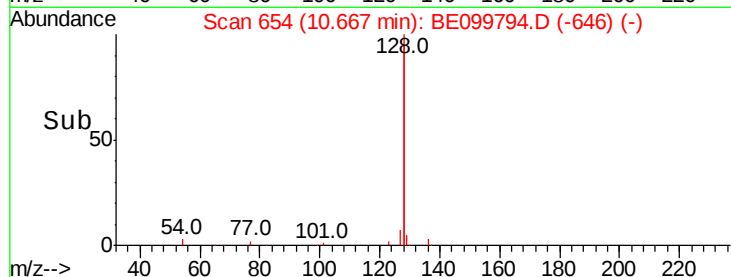
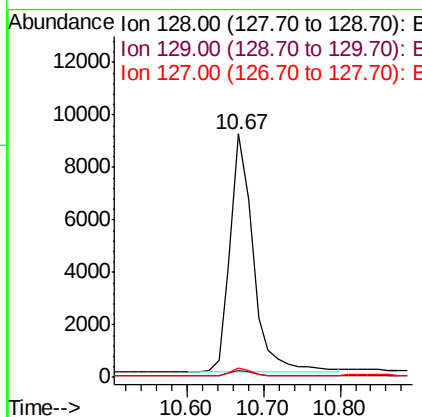
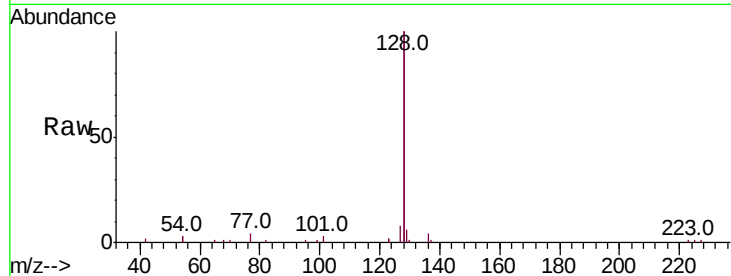
ClientSampleId :

PB120277BSD

Tot Ion:	128	Resp:	19130
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.4	3.6
127	3.8	2.9	4.3

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#10

Hexachlorobutadiene

Concen: 0.360 ng

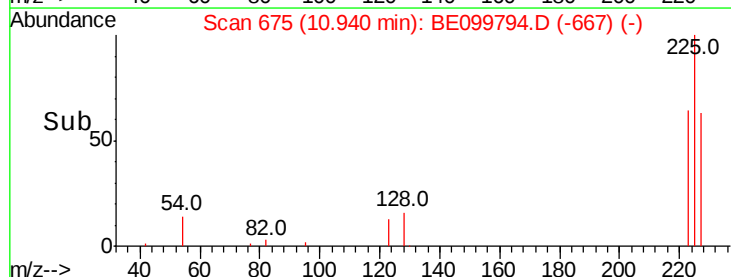
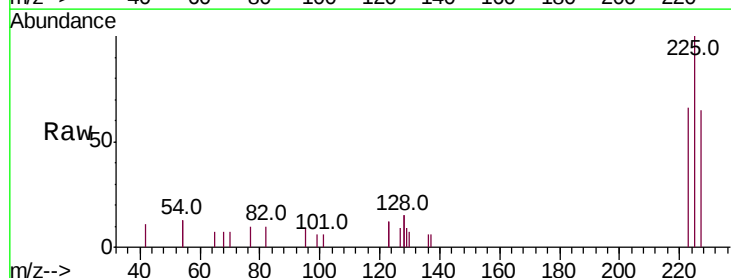
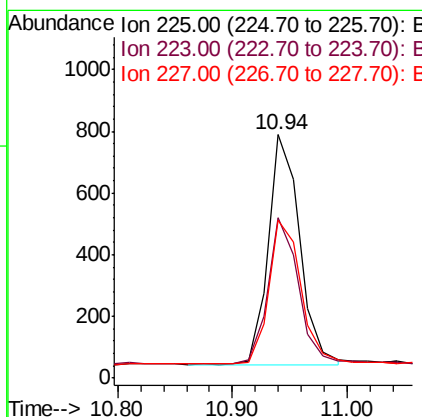
RT: 10.94 min Scan# 675

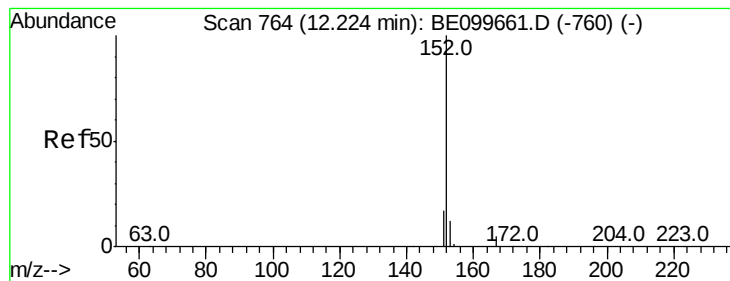
Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion:	225	Resp:	1429
Ion Ratio	Lower	Upper	
225	100		
223	61.7	51.8	77.6
227	63.5	52.6	79.0





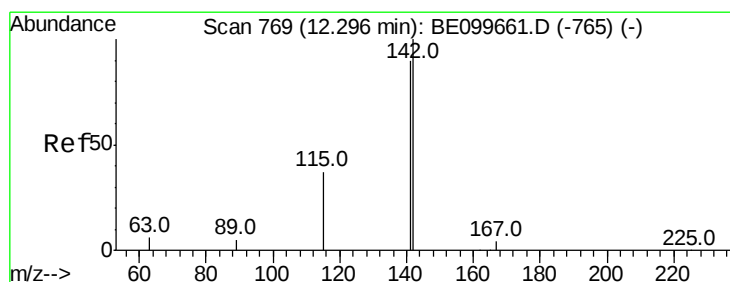
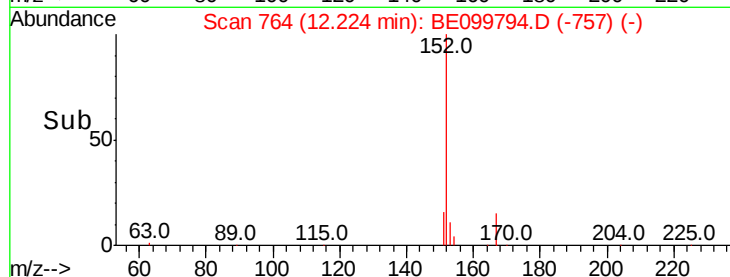
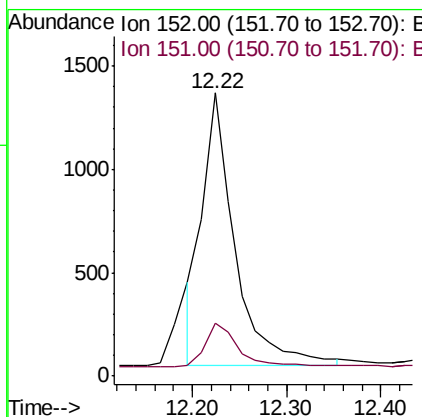
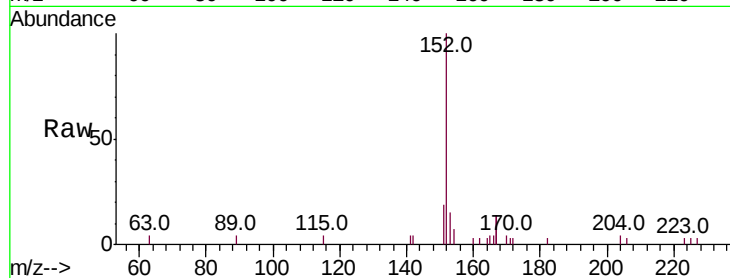
#11
 2-Methylnaphthalene-d10
 Concen: 0.368 ng m
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099794.D
 Acq: 4 Jun 2019 10:29

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.0	15.0	22.4

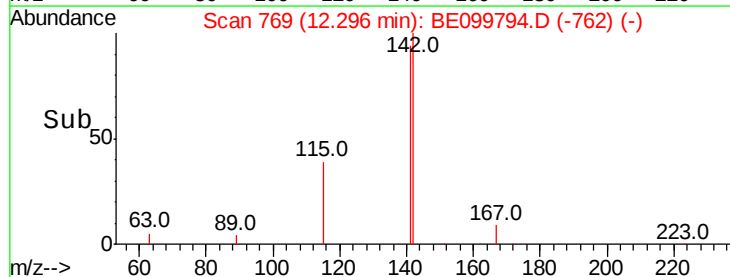
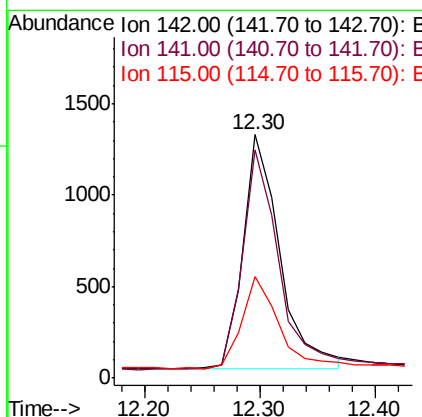
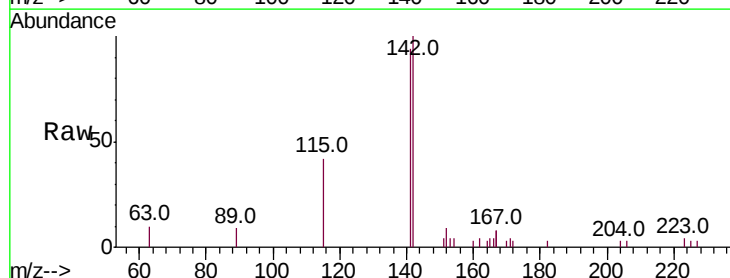
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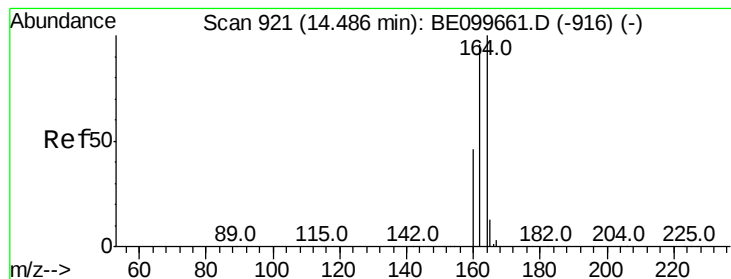
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#12
 2-Methylnaphthalene
 Concen: 0.322 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099794.D
 Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.0	108.0
115	41.9	31.0	46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

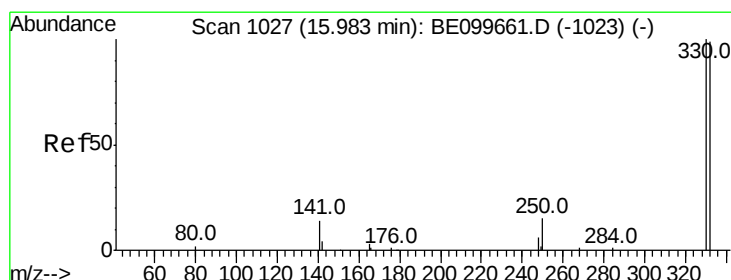
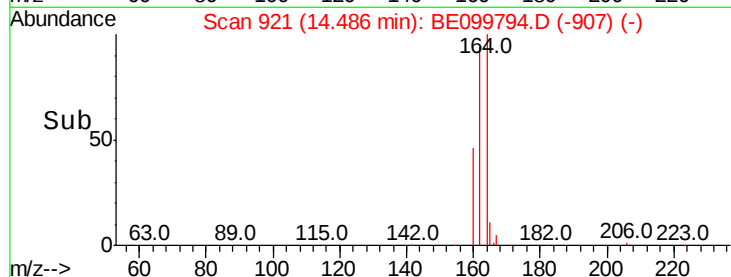
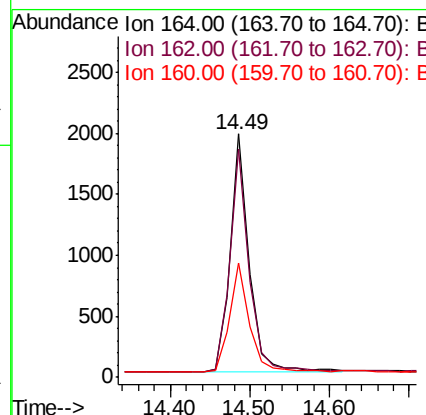
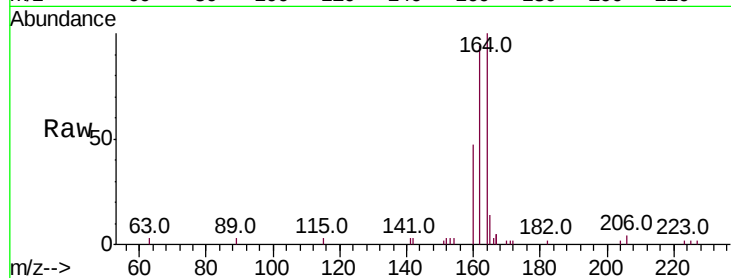
ClientSampleId :

PB120277BSD

Tot Ion:	164	Resp:	3192
Ion	Ratio	Lower	Upper
164	100		
162	93.7	76.5	114.7
160	47.0	37.4	56.2

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#14

2,4,6-Tribromophenol

Concen: 0.327 ng

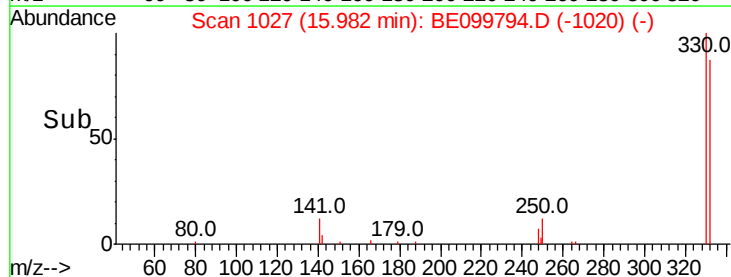
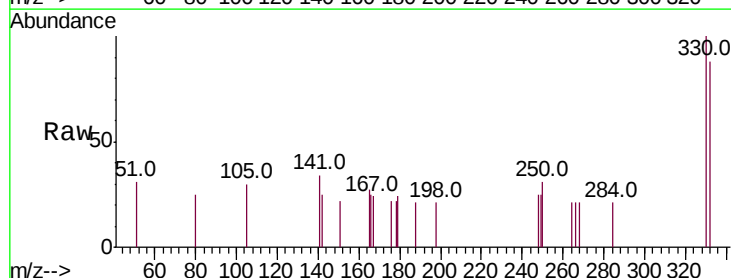
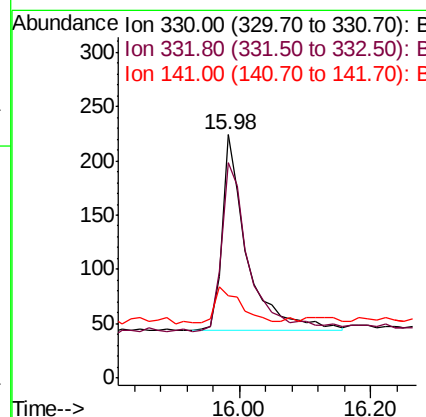
RT: 15.98 min Scan# 1027

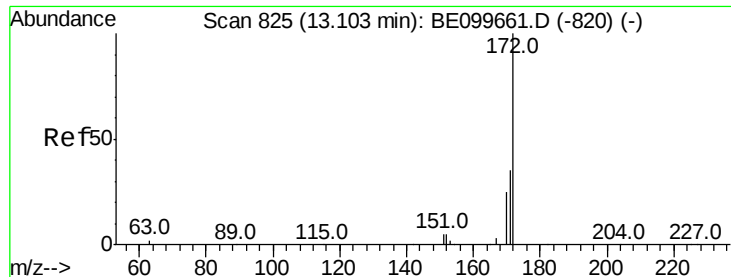
Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion:	330	Resp:	468
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	18.6	18.9	28.3#





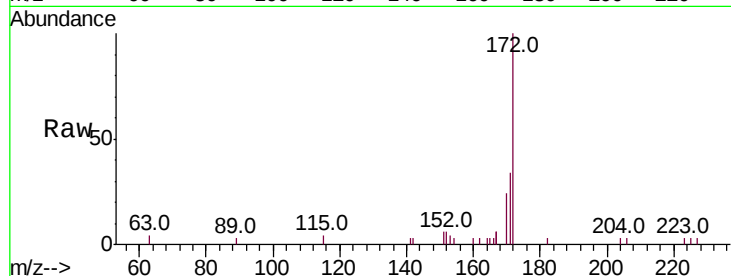
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Instrument :
BNA_E
ClientSampleId :
PB120277BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.7	43.1
170	23.5	20.9	31.3

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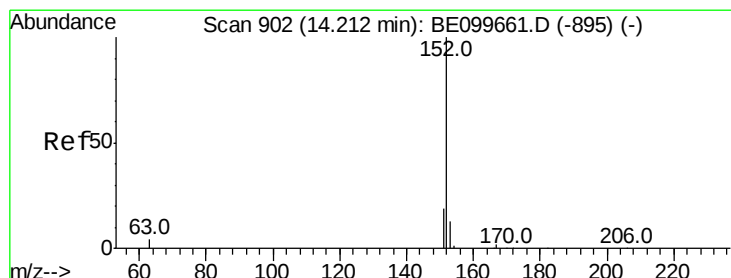
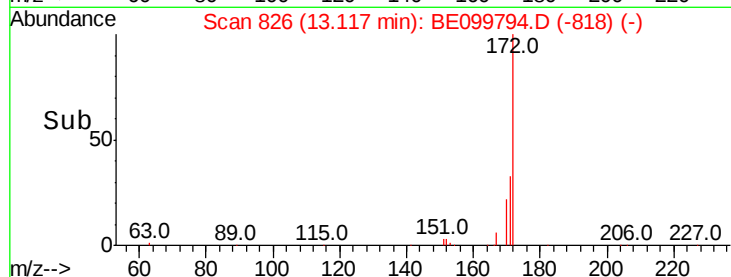
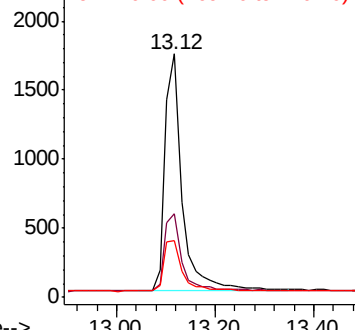


Abundance

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



#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

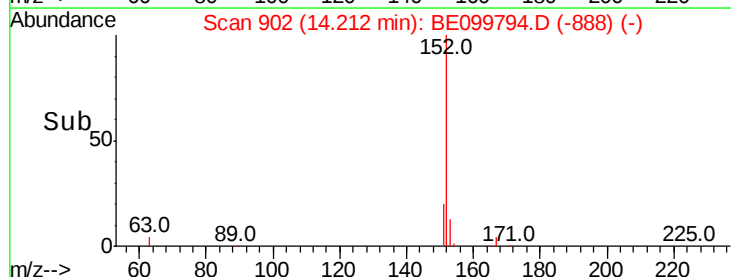
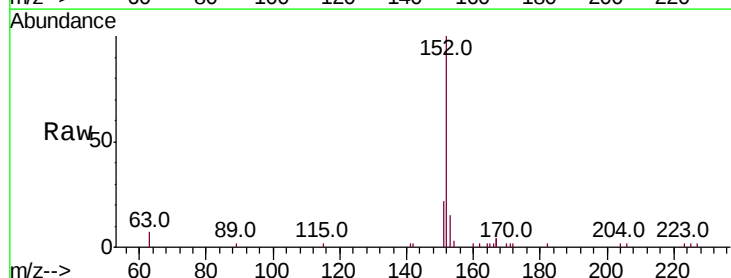
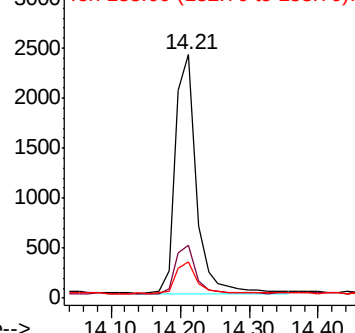
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.4	10.6	16.0

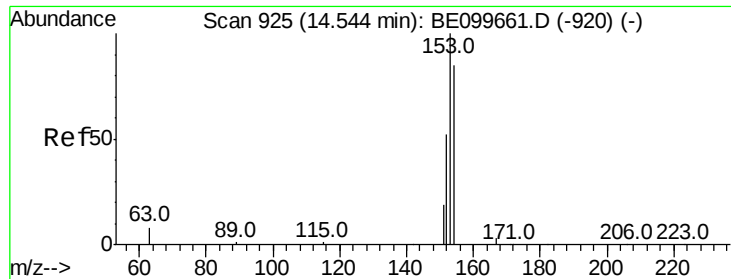
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





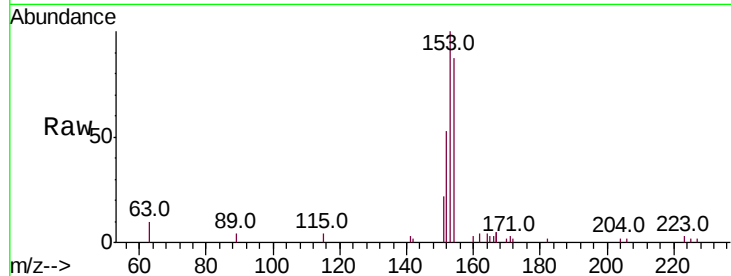
#17
Acenaphthene
Concen: 0.346 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Instrument :
BNA_E
ClientSampleId :
PB120277BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.8	137.6
152	57.4	46.0	69.0

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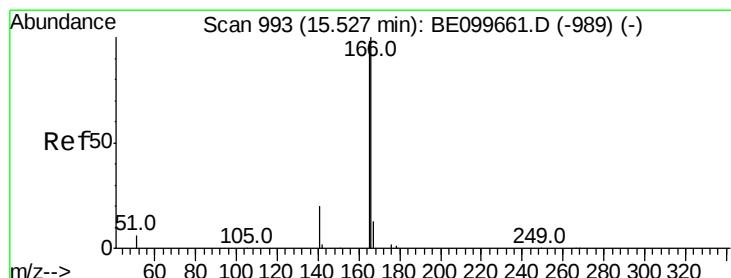
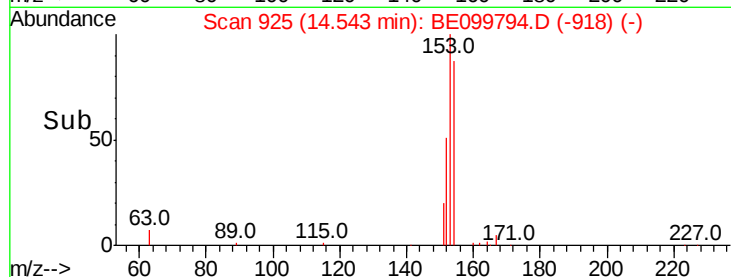
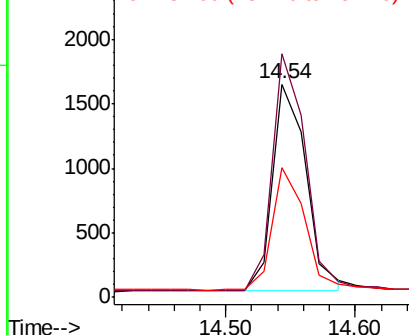


Abundance

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: 0.325 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

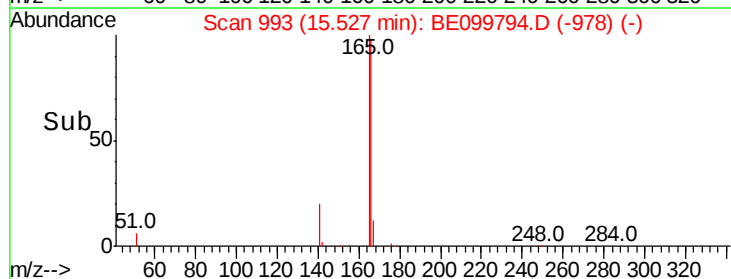
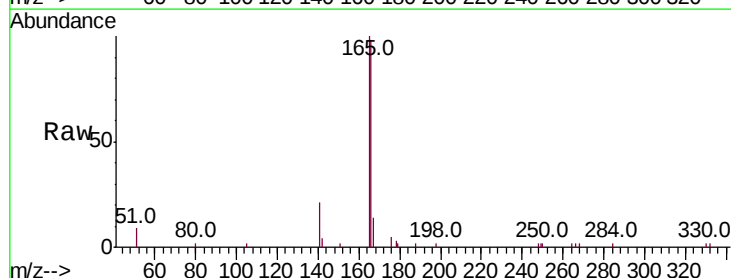
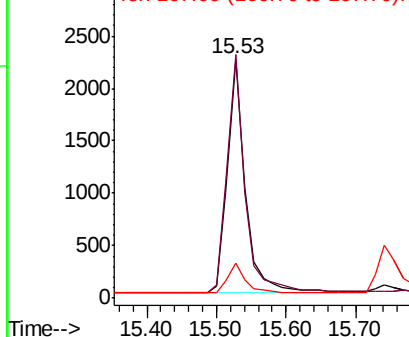
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.3	120.5
167	13.4	10.6	16.0

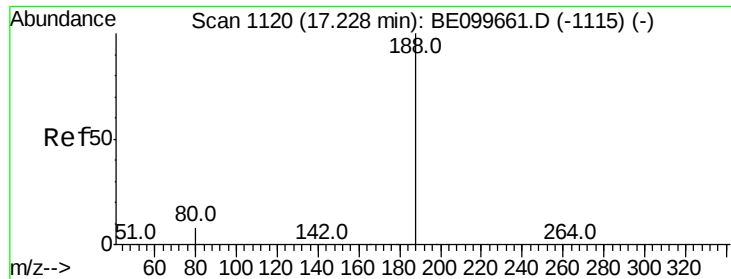
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





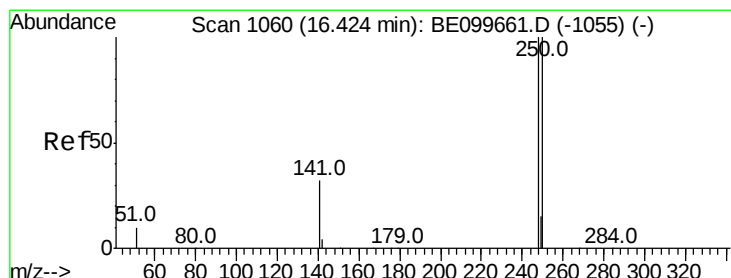
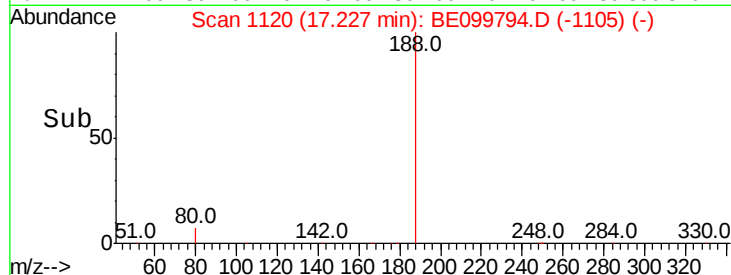
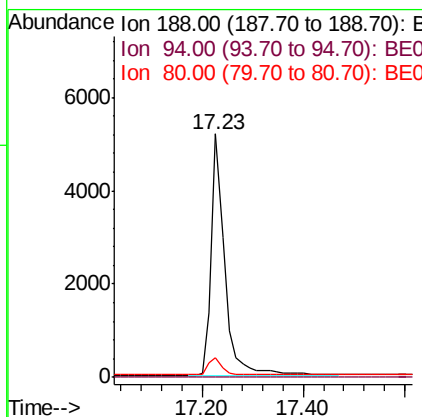
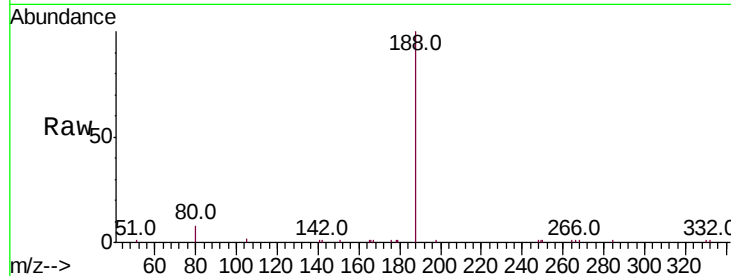
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Instrument :
BNA_E
ClientSampleId :
PB120277BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	0.0	0.0	
80	8.0	6.7	10.1	

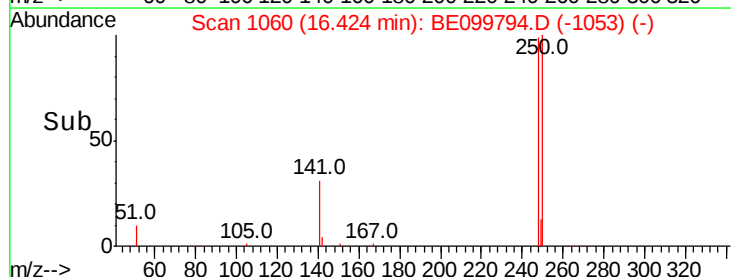
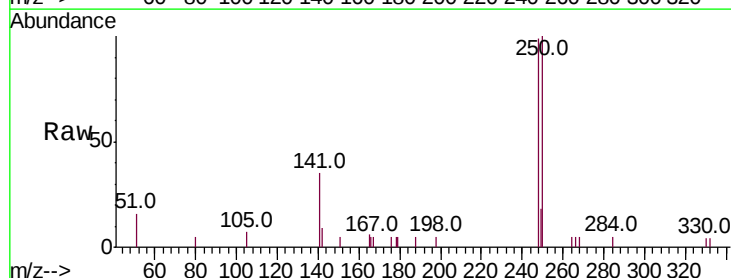
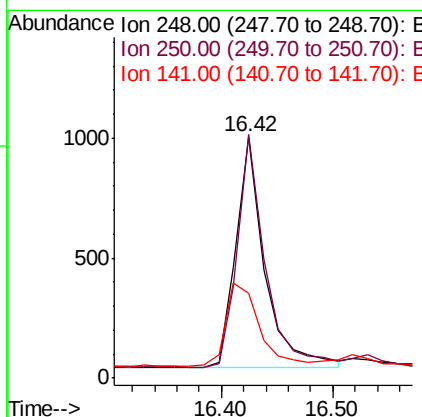
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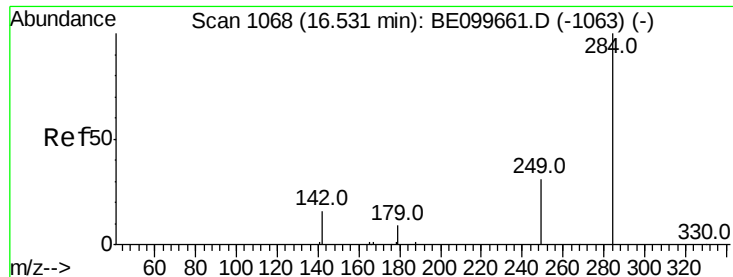
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#20
4-Bromophenyl-phenylether
Concen: 0.315 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.9	79.8	119.8	
141	35.0	27.0	40.6	





#21

Hexachlorobenzene

Concen: 0.353 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

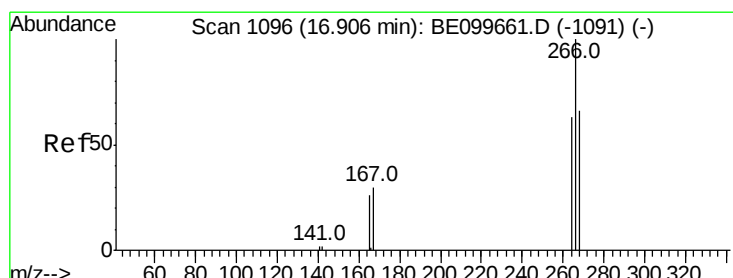
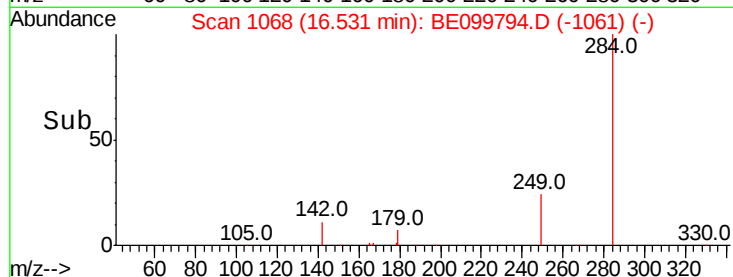
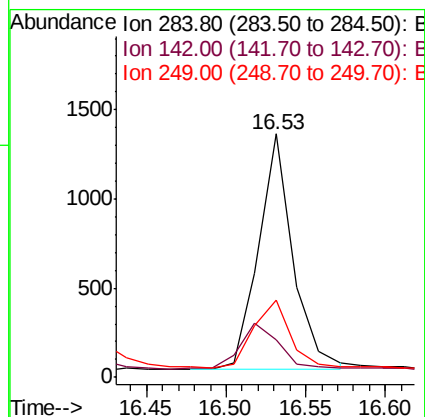
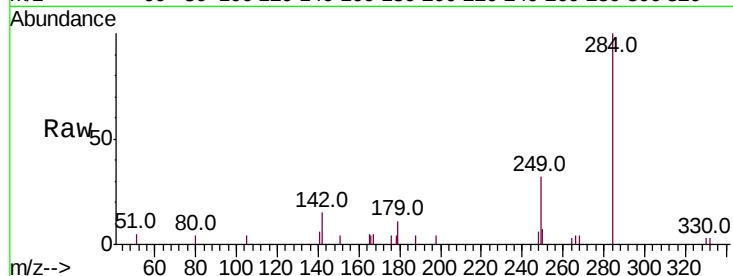
ClientSampleId :

PB120277BSD

Tot Ion:	284	Resp:	1983
Ion Ratio	Lower	Upper	
284	100		
142	21.9	17.8	26.6
249	30.7	24.8	37.2

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#22

Pentachlorophenol

Concen: 0.277 ng

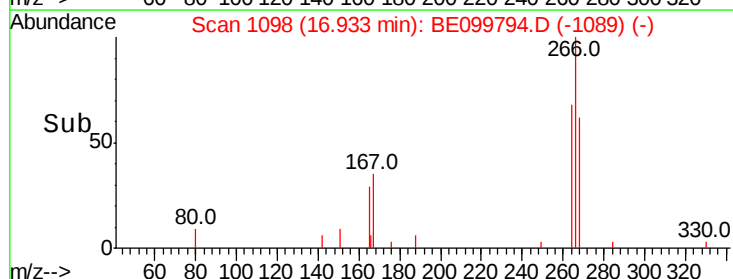
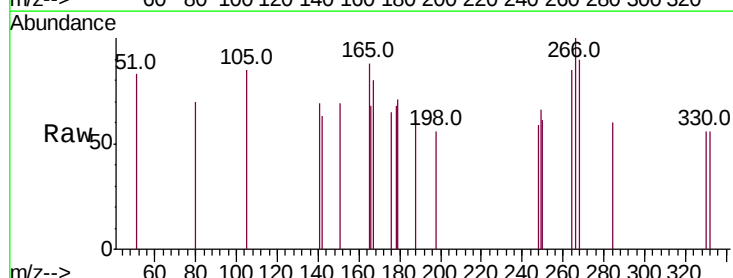
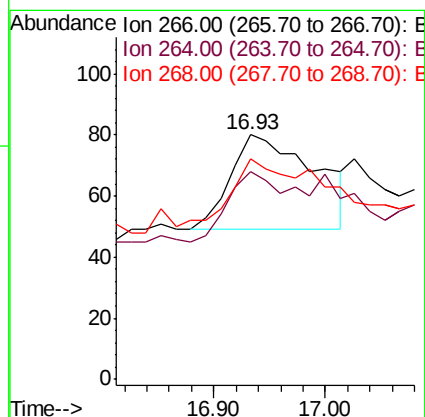
RT: 16.93 min Scan# 1098

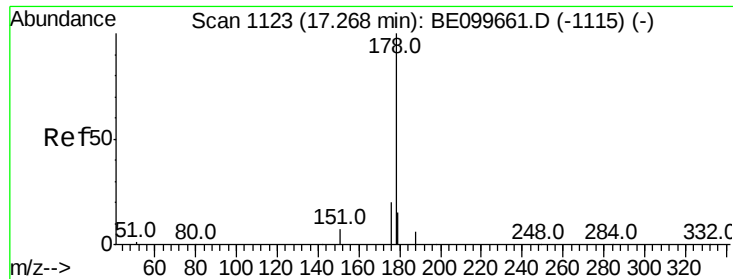
Delta R.T. 0.03 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion:	266	Resp:	163
Ion Ratio	Lower	Upper	
266	100		
264	85.0	57.2	85.8
268	90.0	60.5	90.7





#23

Phenanthrene

Concen: 0.338 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

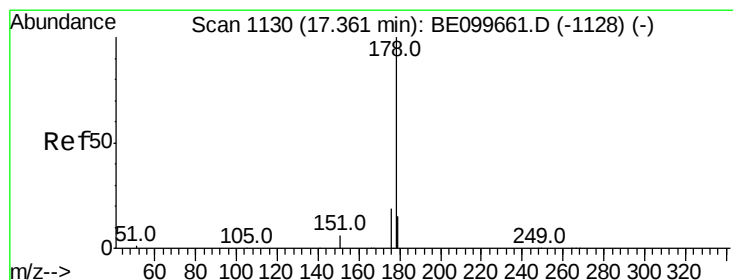
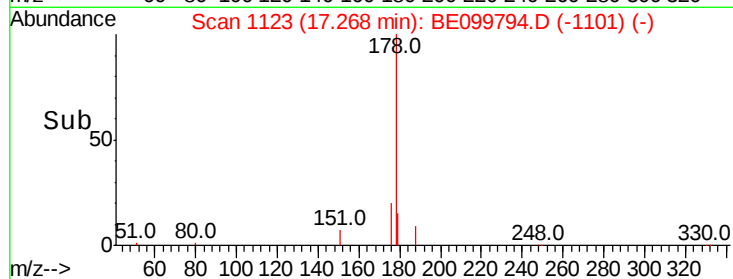
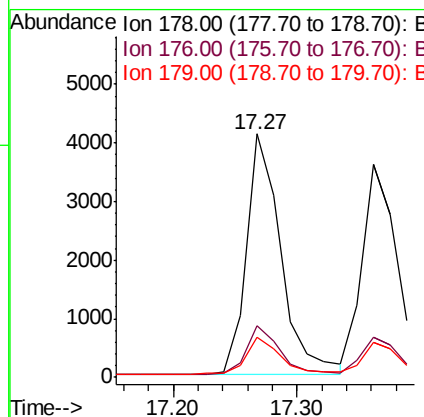
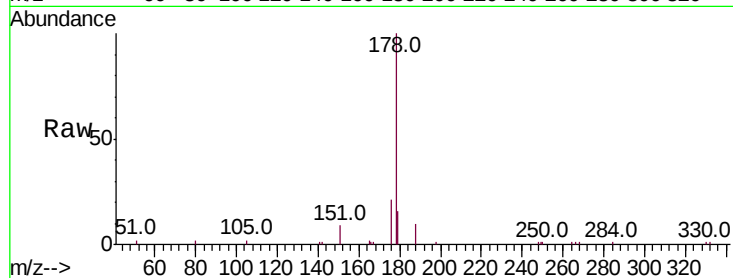
ClientSampleId :

PB120277BSD

Tot Ion:	178	Resp:	7859
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.6	23.4
179	15.5	12.2	18.4

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#24

Anthracene

Concen: 0.322 ng

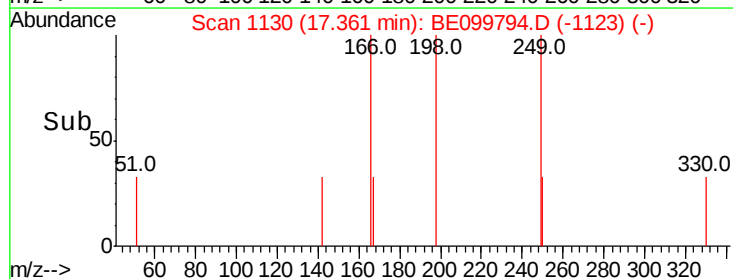
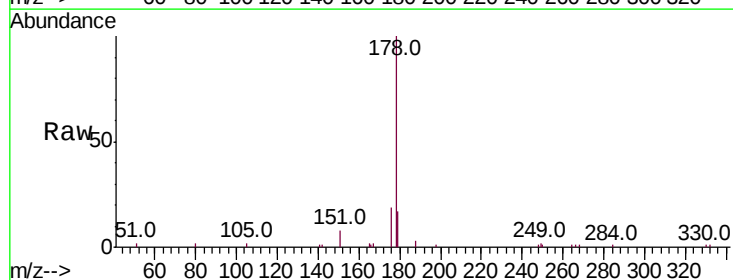
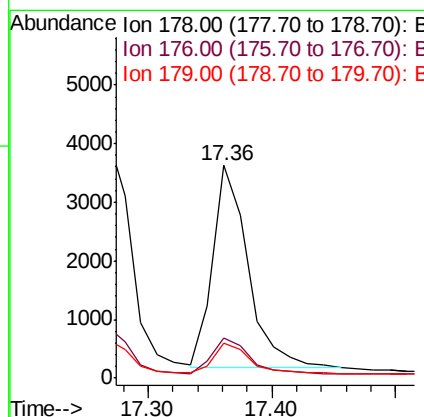
RT: 17.36 min Scan# 1130

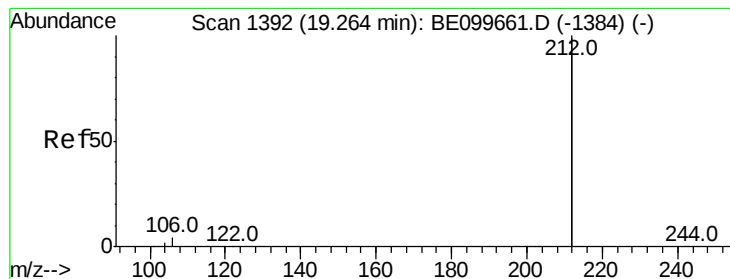
Delta R.T. -0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion:	178	Resp:	6785
Ion Ratio	Lower	Upper	
178	100		
176	18.3	14.7	22.1
179	15.3	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

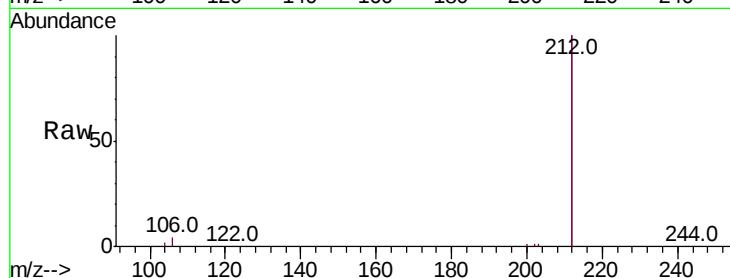
ClientSampleId :

PB120277BSD

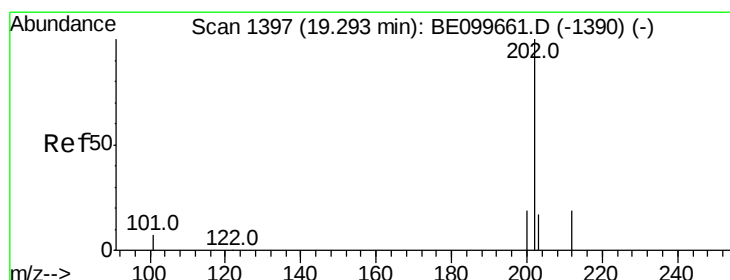
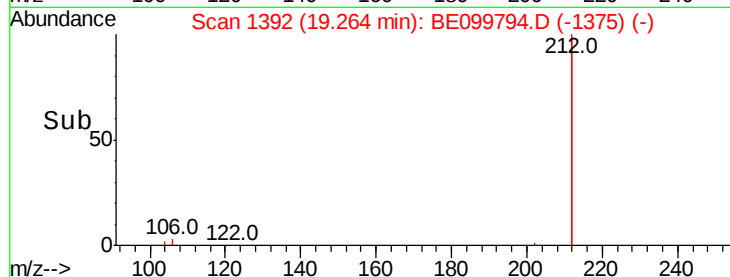
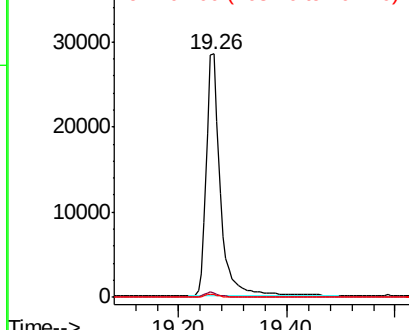
Tot Ion:	212	Resp:	50604
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.0	0.8	1.2

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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: 0.404 ng

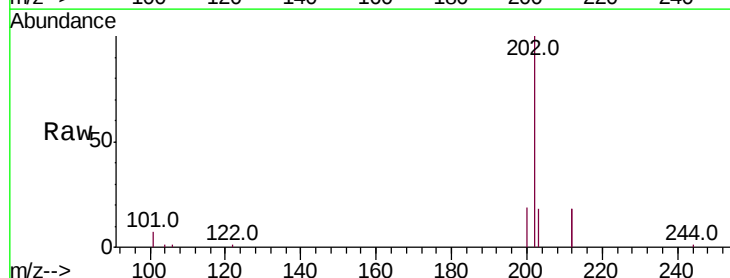
RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

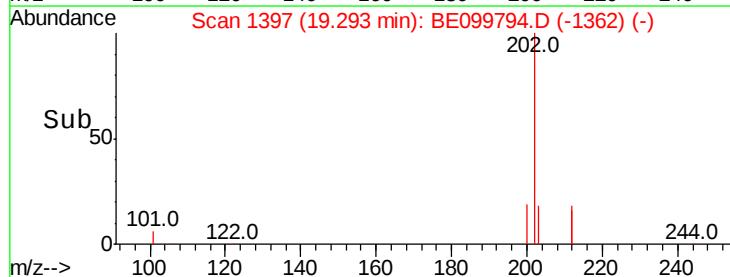
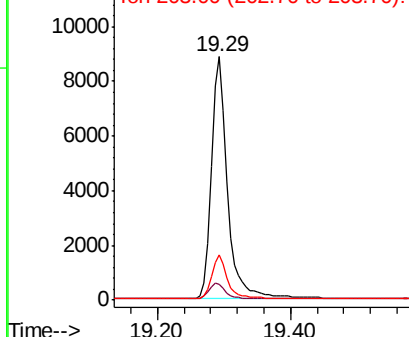
Lab File: BE099794.D

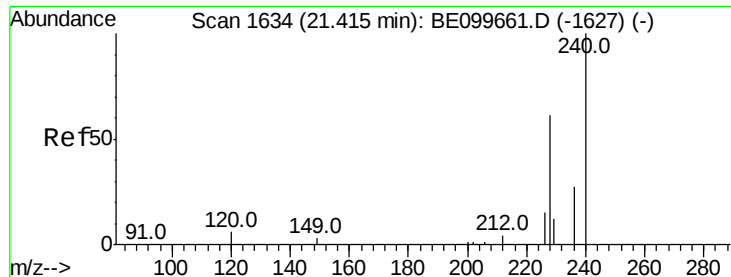
Acq: 4 Jun 2019 10:29

Tgt Ion:	202	Resp:	14822
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.2	7.8
203	17.1	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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

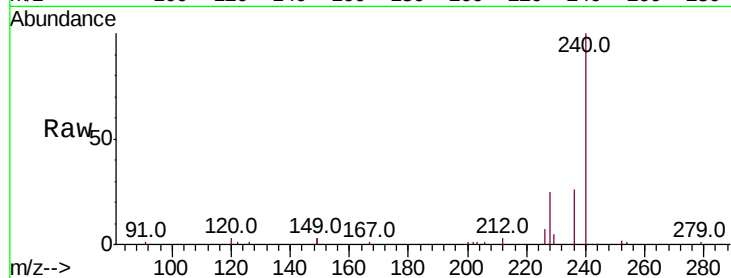
ClientSampleId :

PB120277BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.4	5.4	8.0#
236	26.2	21.7	32.5

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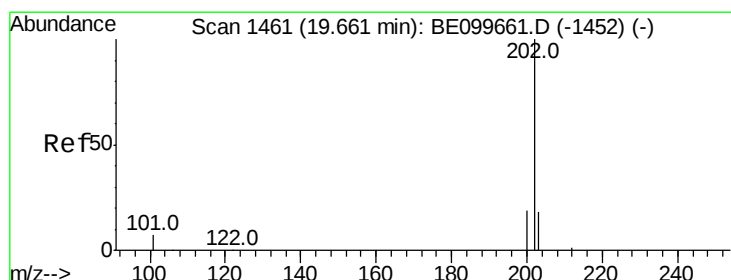
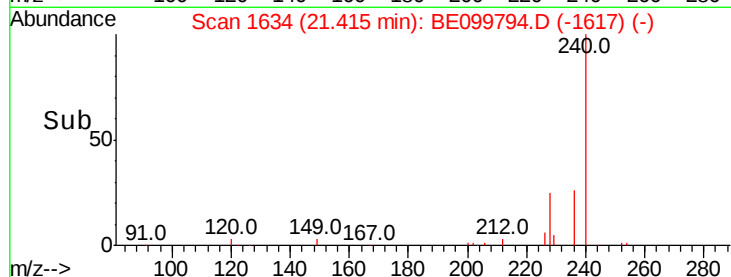
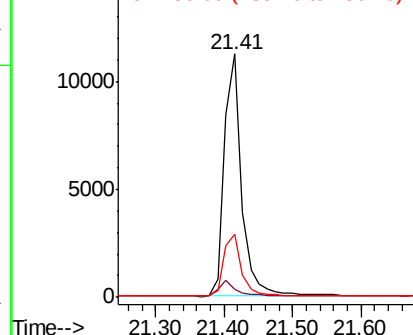


Abundance

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: 0.319 ng

RT: 19.66 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

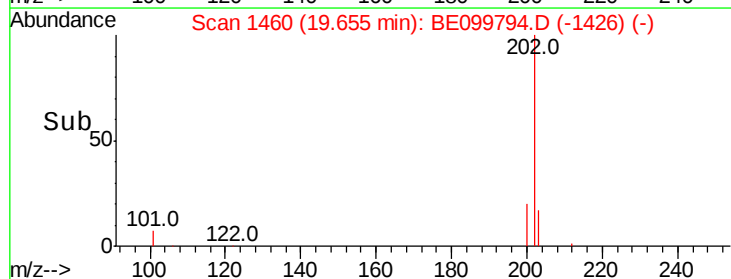
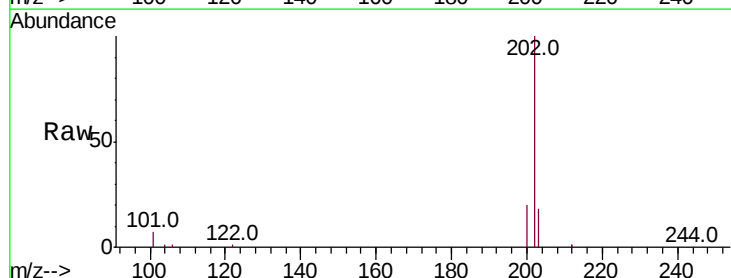
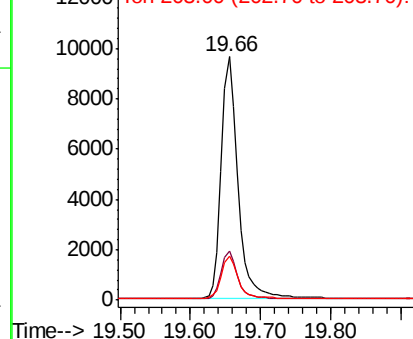
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.4	23.2
203	17.9	13.8	20.8

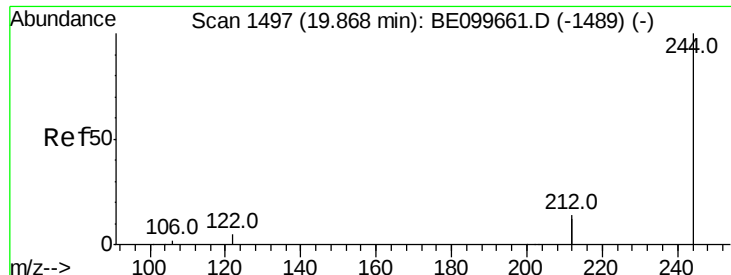
Abundance

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: 0.319 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

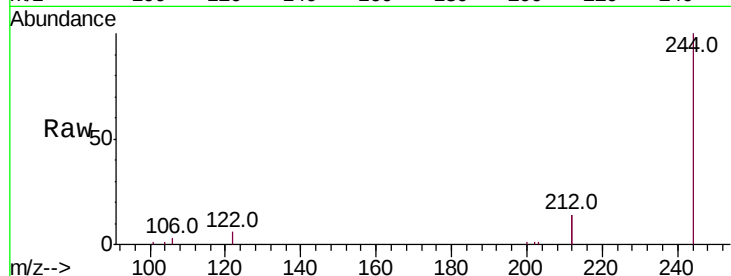
ClientSampleId :

PB120277BSD

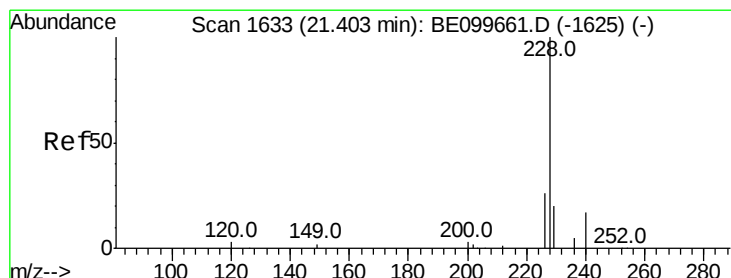
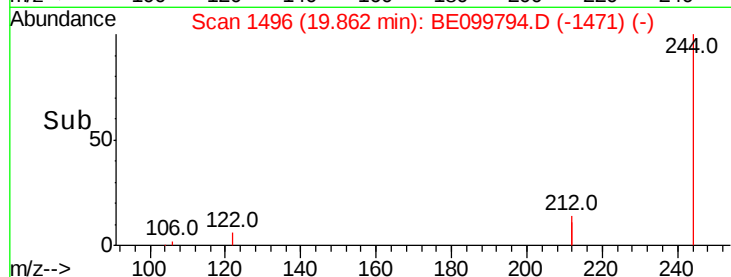
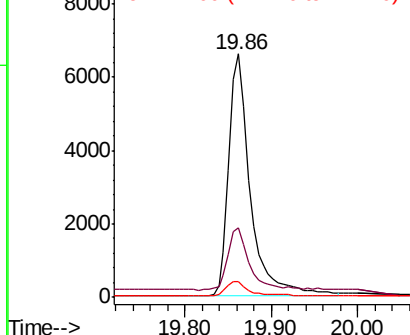
Tot Ion:	244	Resp:	11317
Ion Ratio	Lower	Upper	
244	100		
212	28.4	22.5	33.7
122	6.3	4.3	6.5

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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: 0.397 ng

RT: 21.39 min Scan# 1632

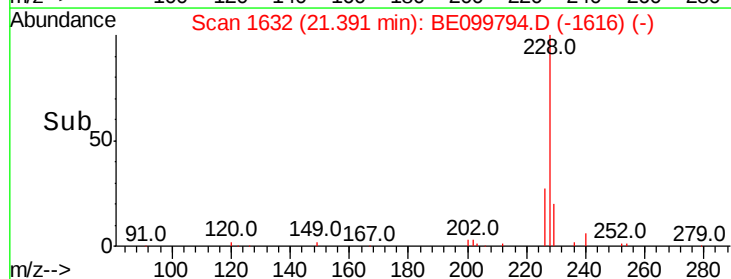
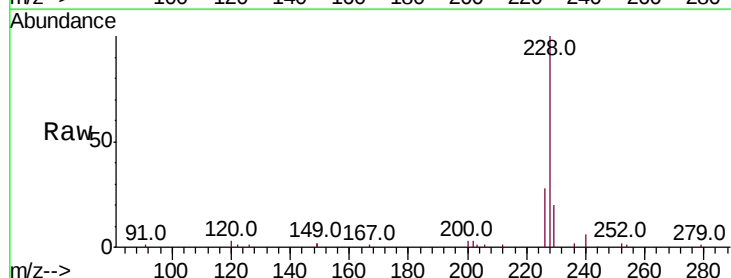
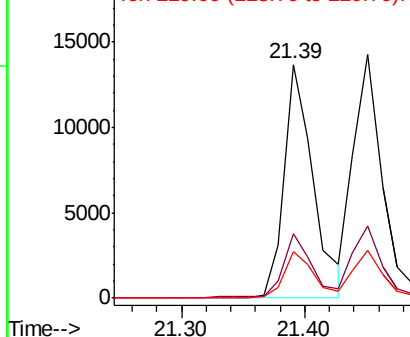
Delta R.T. -0.01 min

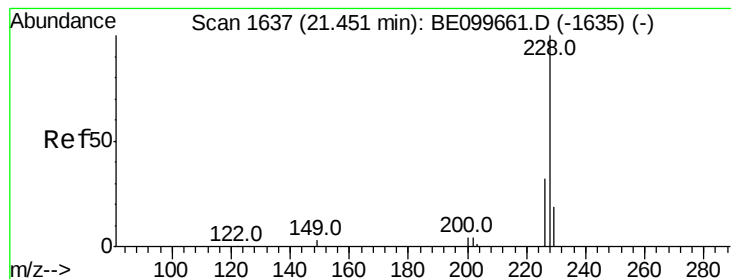
Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Tgt Ion:	228	Resp:	22454
Ion Ratio	Lower	Upper	
228	100		
226	27.8	21.3	31.9
229	19.9	16.1	24.1

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: 0.374 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

ClientSampleId :

PB120277BSD

Tot Ion:228 Resp: 22595

Ion Ratio Lower Upper

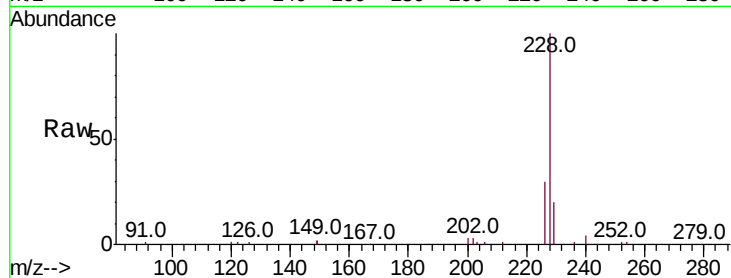
228 100

226 29.5 24.7 37.1

229 19.7 15.8 23.6

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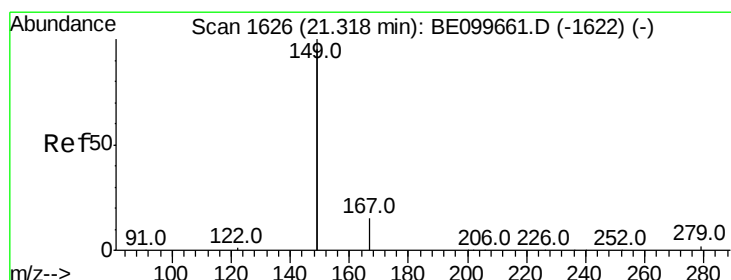
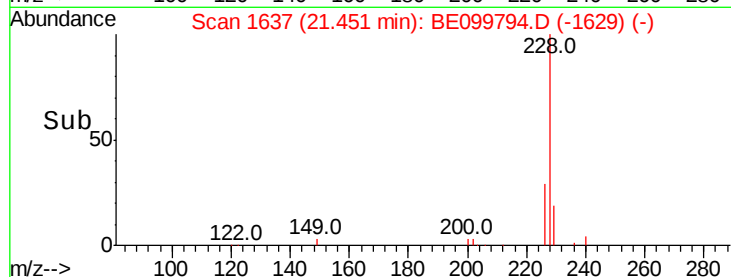
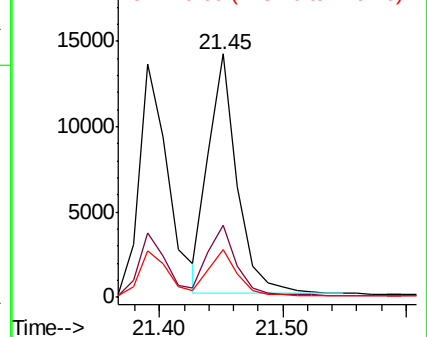
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.346 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099794.D

Acq: 4 Jun 2019 10:29

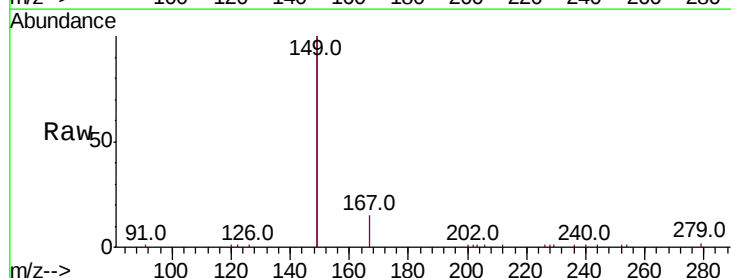
Tgt Ion:149 Resp: 22546

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

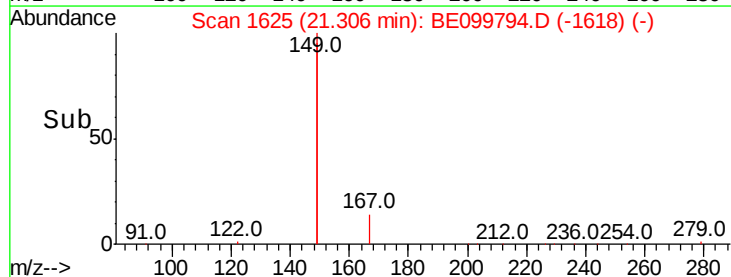
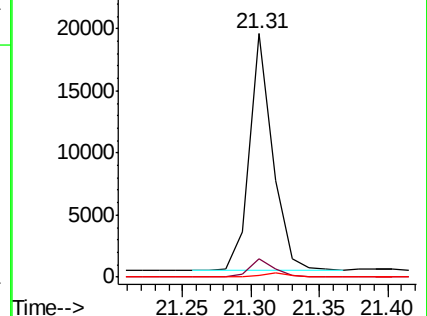
279 1.7 1.2 1.8

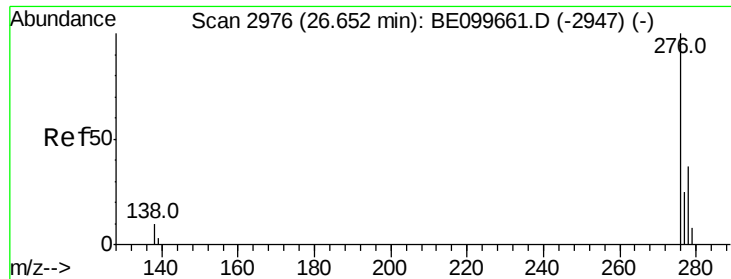


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





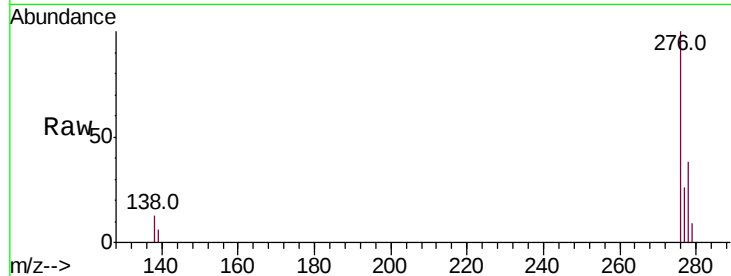
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.405 ng
 RT: 26.64 min Scan# 2972
 Delta R.T. -0.01 min
 Lab File: BE099794.D
 Acq: 4 Jun 2019 10:29

Instrument :
 BNA_E
 ClientSampleId :
 PB120277BSD

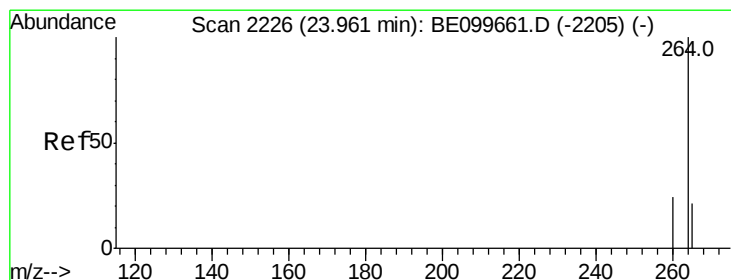
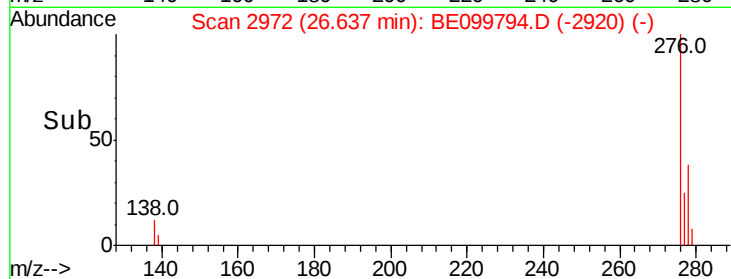
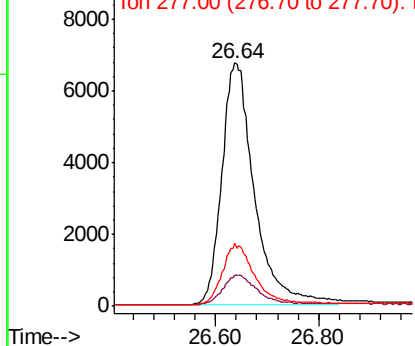
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.6	14.4
277	24.5	19.2	28.8

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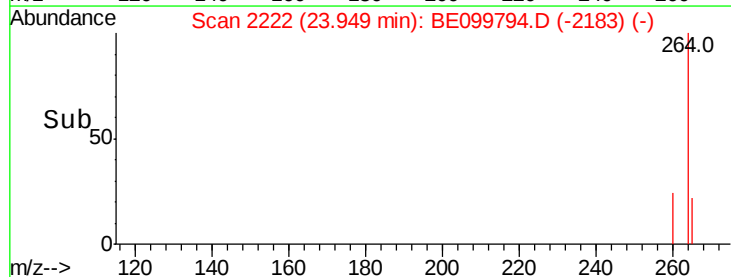
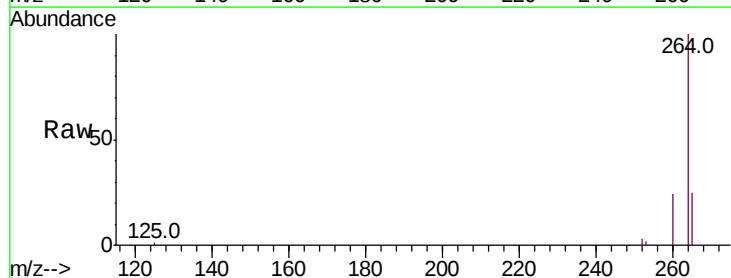
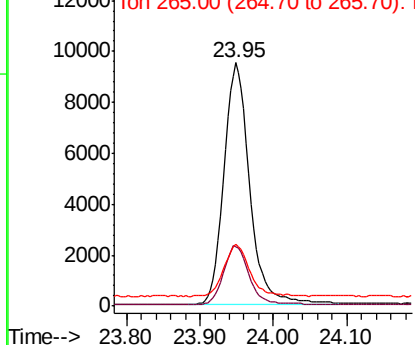
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

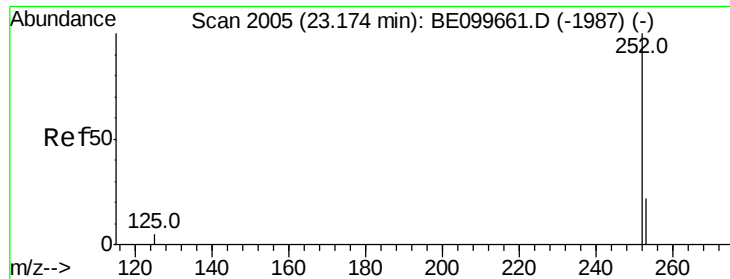


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BE099794.D
 Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	25.4	19.1	28.7

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





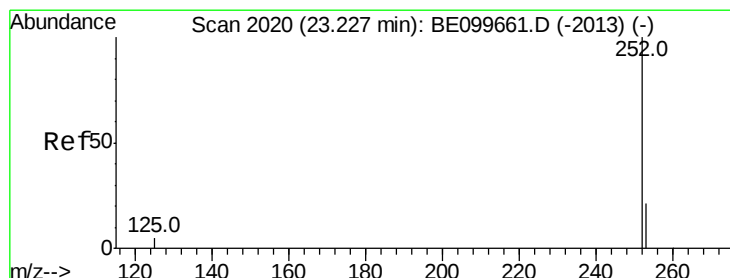
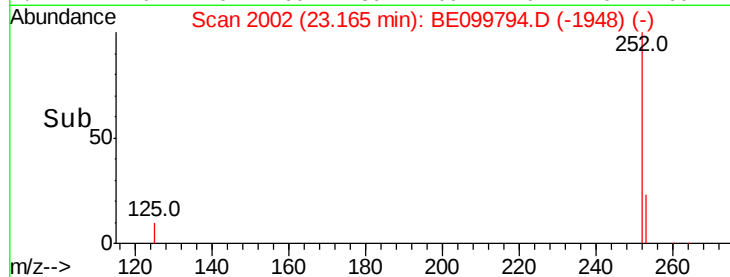
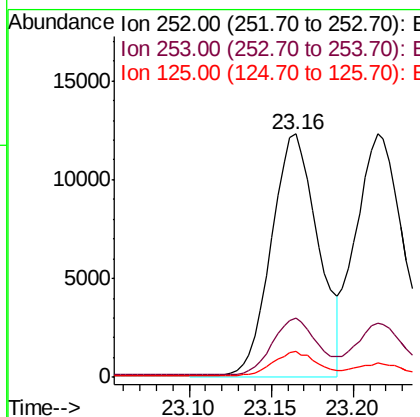
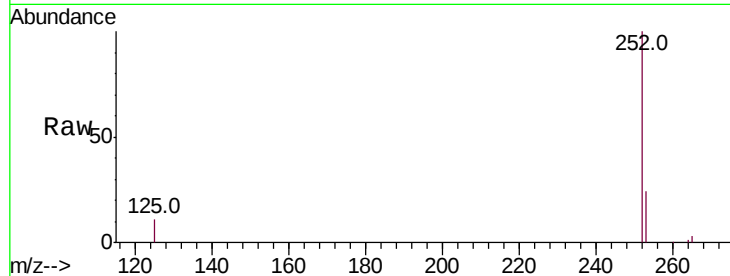
#35
Benzo(b)fluoranthene
Concen: 0.379 ng m
RT: 23.16 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Instrument :
BNA_E
ClientSampleId :
PB120277BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.4
125	10.6	4.5	6.7

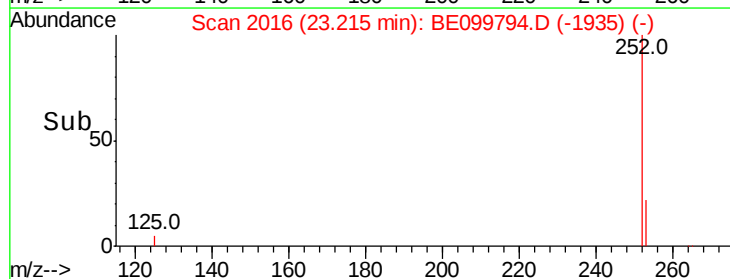
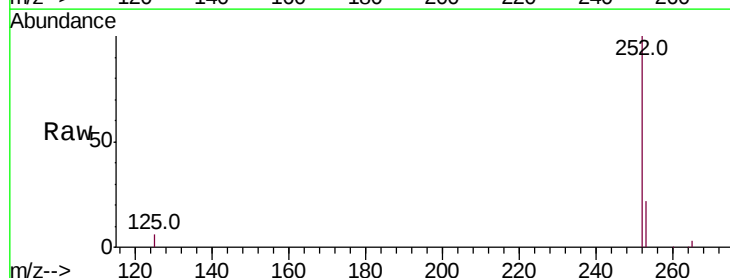
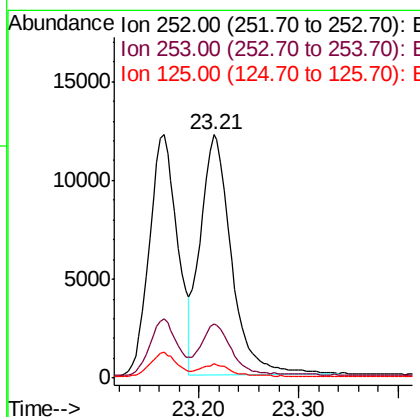
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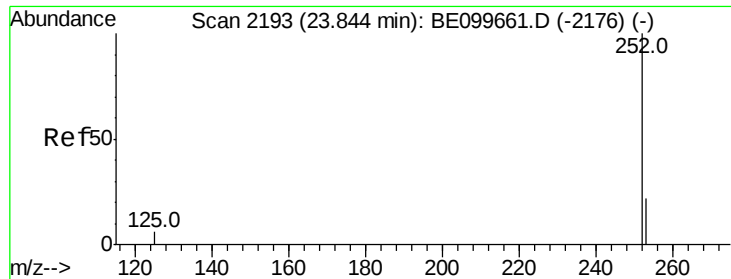
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#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.21 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	5.7	4.6	6.8





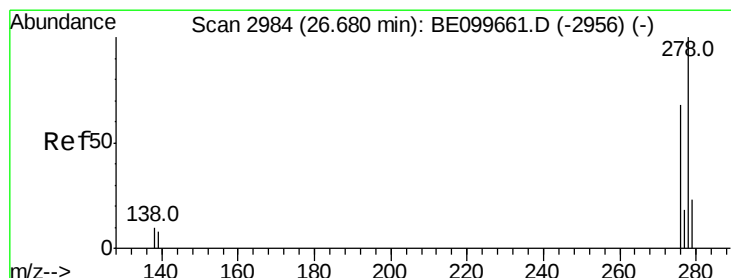
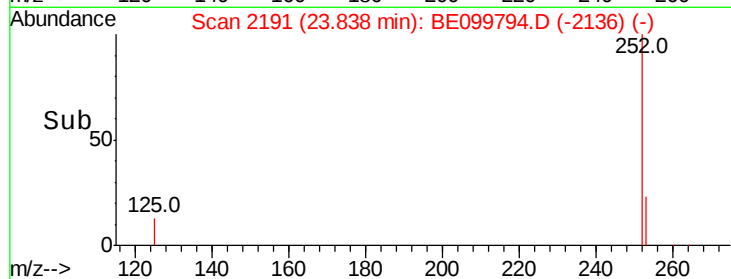
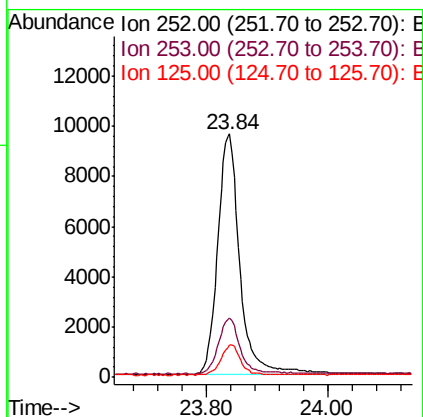
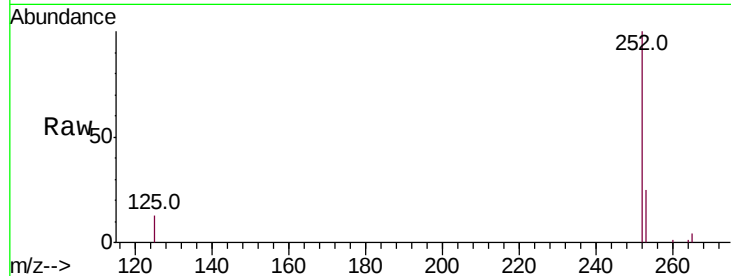
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Instrument :
BNA_E
ClientSampleId :
PB120277BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	13.3	5.4	8.0

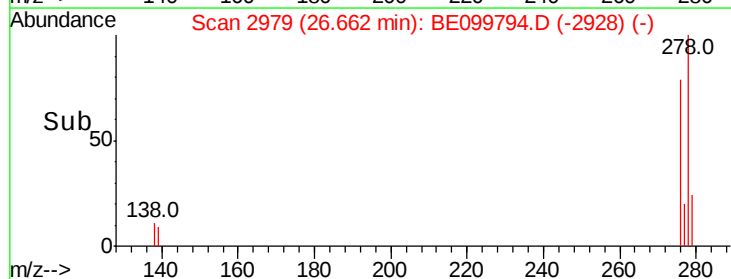
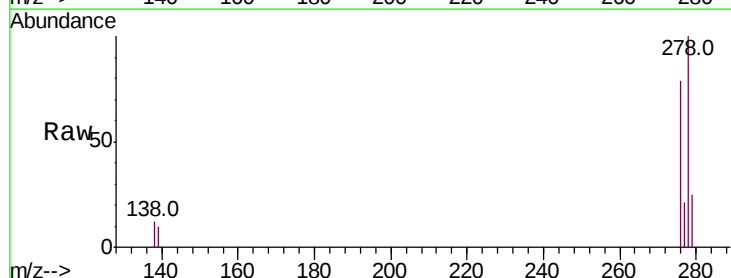
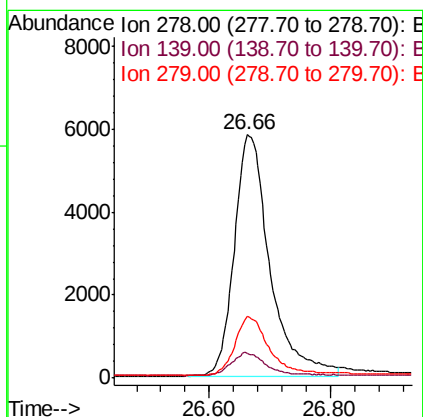
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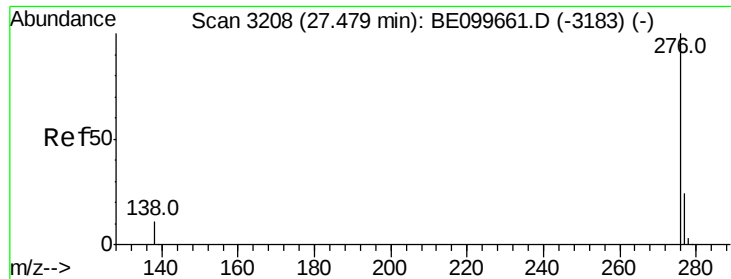
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#38
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.66 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BE099794.D
Acq: 4 Jun 2019 10:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.3	6.9	10.3
279	25.5	19.2	28.8





#39

Benzo(a,h,i)perylene

Concen: 0.376 ng

RT: 27.47 min Scan# 3205

Delta R.T. -0.01 min

Lab File: BE099794.D

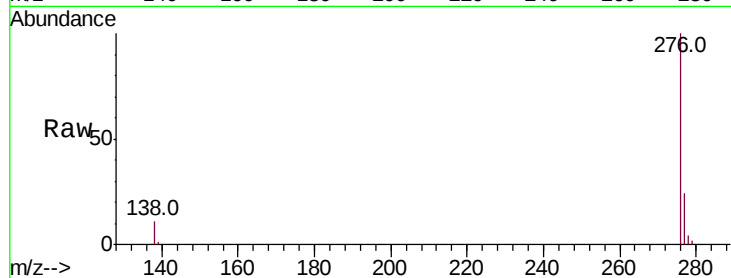
Acq: 4 Jun 2019 10:29

Instrument :

BNA_E

ClientSampleId :

PB120277BSD



Tot Ion:	276	Resp:	24924
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.8	29.6
138	10.9	9.2	13.8

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