

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
 Data File : BE098633.D
 Acq On : 15 Jan 2019 18:24
 Operator : SJ/JU
 Sample : K1029-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 B1_123118

Manual Integrations
 APPROVED

Sohil
 1/16/2019 4:05:38 PM

Quant Time: Jan 16 10:06:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	66015	20.00	ng	0.00
7) Naphthalene-d8	10.60	136	265151	20.00	ng	0.00
13) Acenaphthene-d10	14.47	164	169946	20.00	ng	0.00
19) Phenanthrene-d10	17.23	188	404889	20.00	ng	0.00
27) Chrysene-d12	21.41	240	467430	20.00	ng	0.00
34) Perylene-d12	23.93	264	470687	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	223367	63.43	ng	0.00
5) Phenol-d6	6.98	99	205590	41.00	ng	-0.02
8) Nitrobenzene-d5	8.96	82	600029	142.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.34	152	14	0.00	ng	0.13
14) 2,4,6-Tribromophenol	15.97	330	295755	199.98	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1172702	84.24	ng	0.01
25) Fluoranthene-d10	19.25	212	33	0.00	ng	0.00
29) Terphenyl-d14	19.86	244	2044173	98.83	ng	0.00
Target Compounds						
18) Fluorene	15.51	166	250	0.021	ng	Qvalue # 99
22) Pentachlorophenol	16.89	266	120	10.245	ng	# 94
23) Phenanthrene	17.27	178	1610	0.084	ng	# 83
24) Anthracene	17.36	178	636	0.039	ng	# 95
26) Fluoranthene	19.29	202	1438	0.058	ng	# 90
28) Pyrene	19.65	202	1226	0.048	ng	# 88
30) Benzo(a)anthracene	21.41	228	2131m	0.085	ng	
32) Bis(2-ethylhexyl)phthalate	21.32	149	10071	0.189	ng	100

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

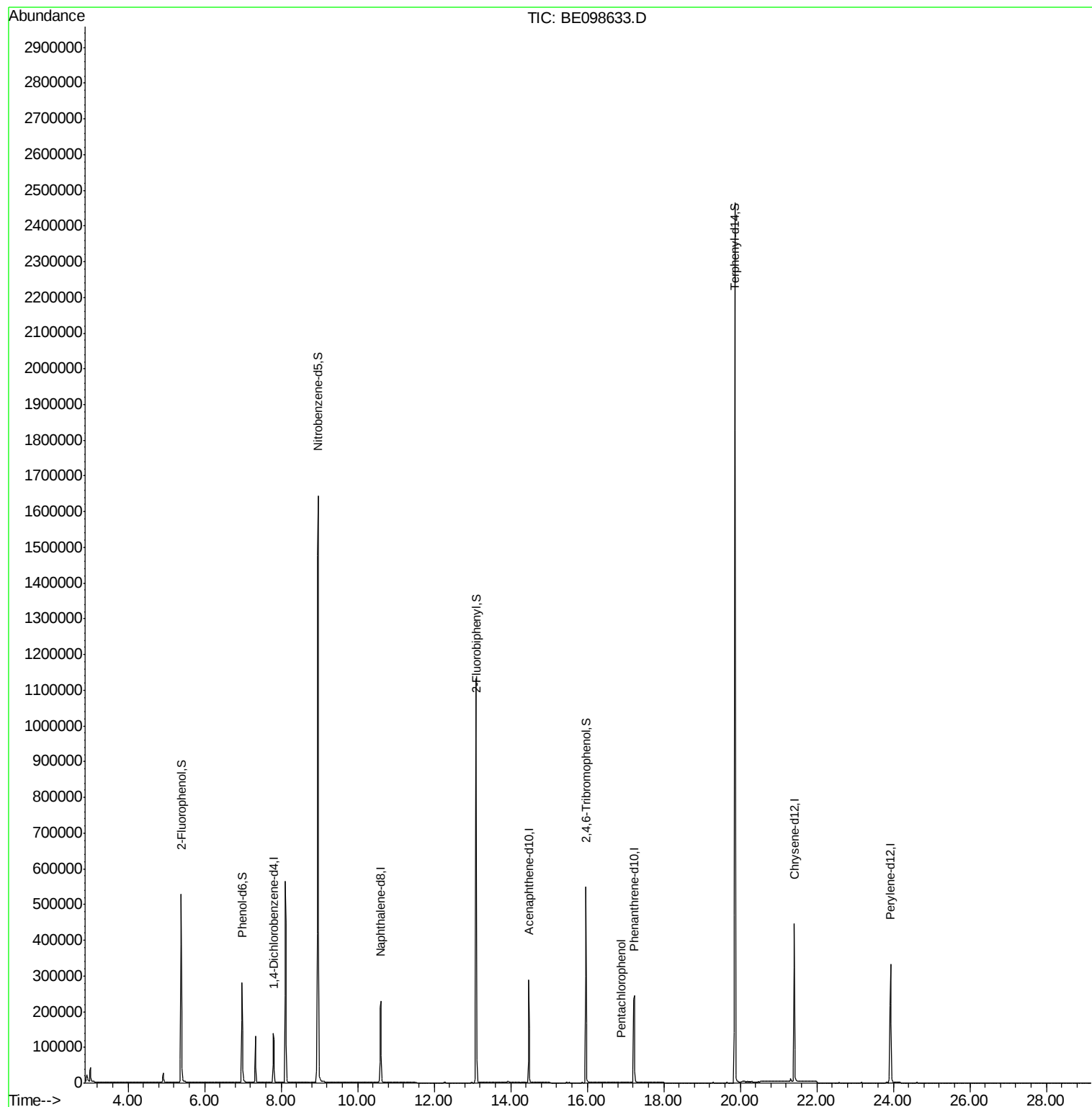
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
Data File : BE098633.D
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Sample : K1029-03
Misc :
ALS Vial : 14 Sample Multiplier: 50

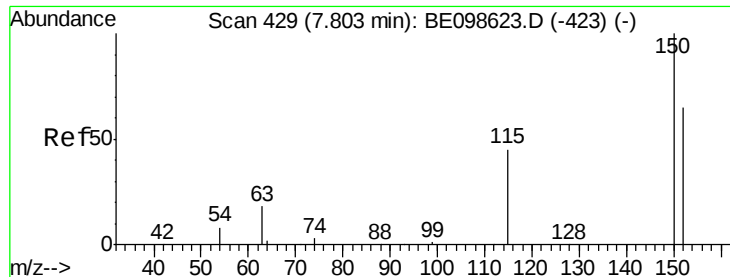
Instrument :
BNA_E
ClientSampleId :
B1_123118

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
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#1

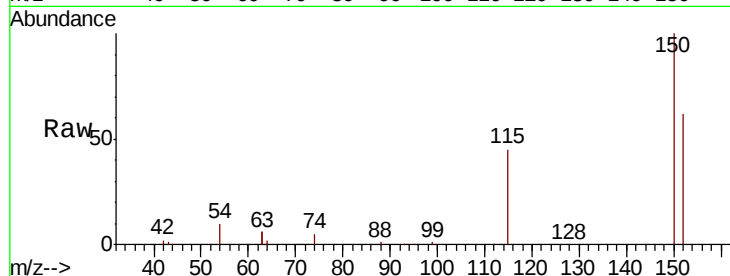
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Instrument :
BNA_E
ClientSampleId :
B1_123118

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	121.4	182.2
115	73.1	59.1	88.7

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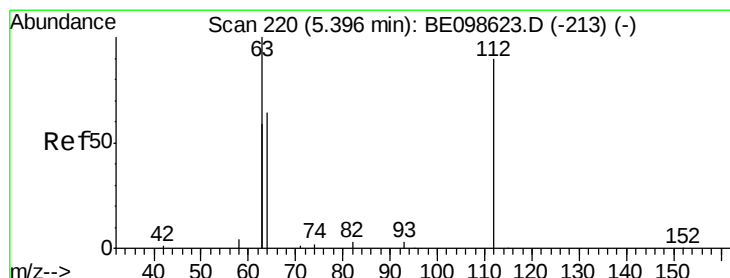
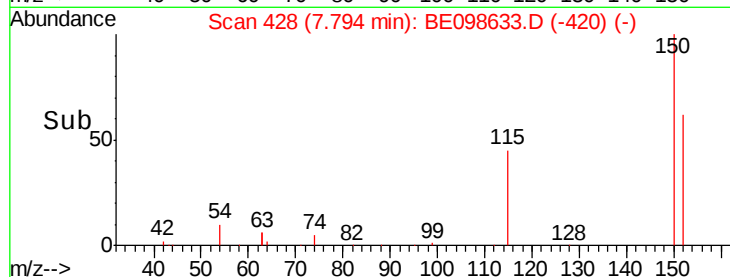
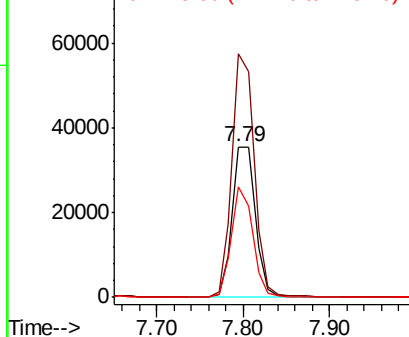


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

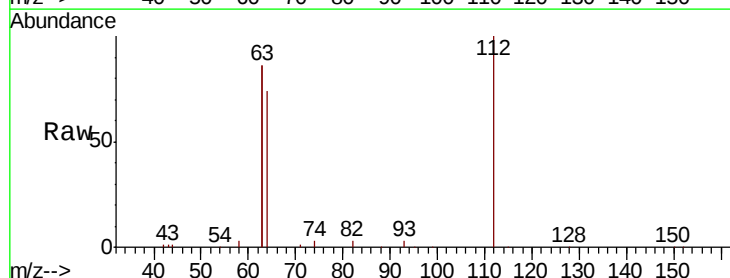
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 63.427 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.01 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.9	62.9	94.3
63	191.9	152.2	228.4

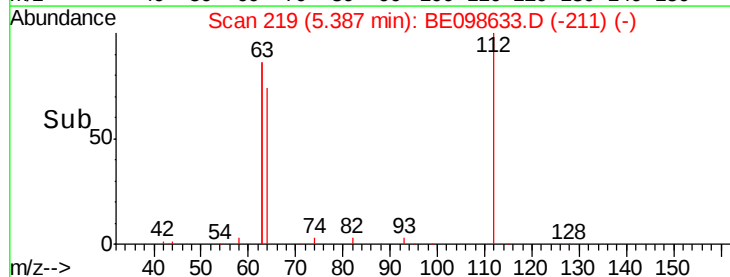
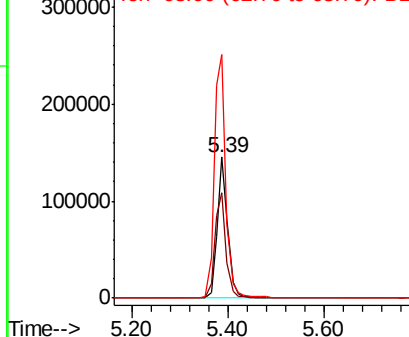


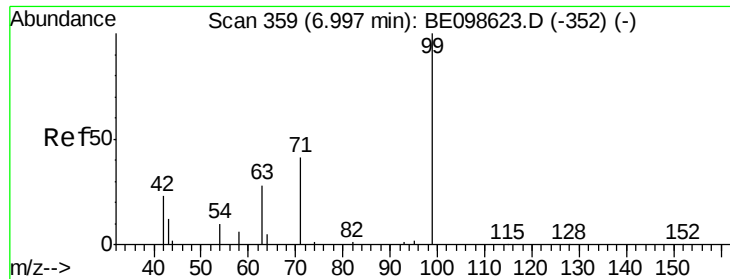
Abundance

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: 40.997 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

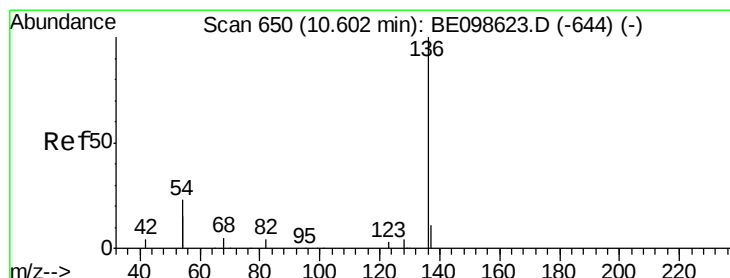
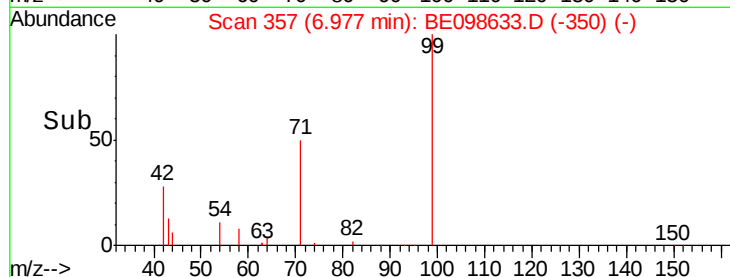
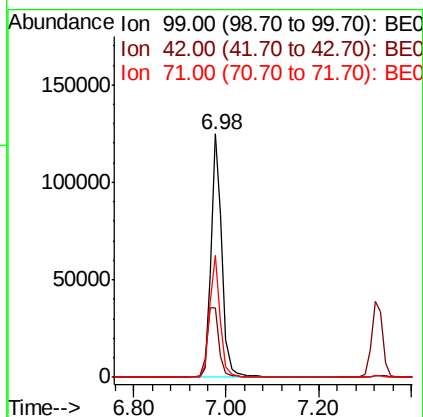
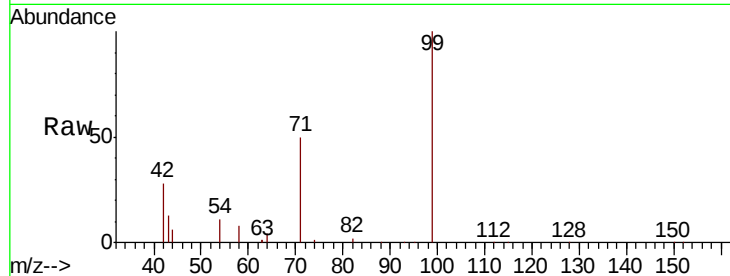
ClientSampleId :

B1_123118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		205590		
42	32.5	24.6	37.0		
71	49.2	35.1	52.7		

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#7

Naphthalene-d8

Concen: 20.000 ng

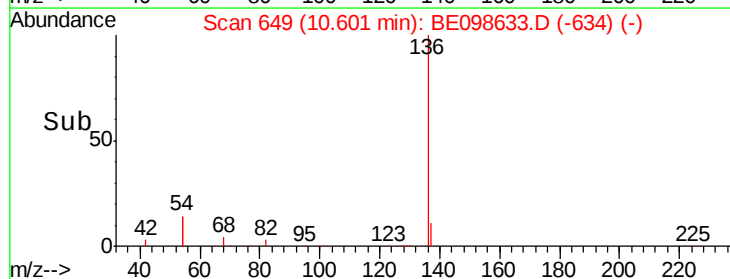
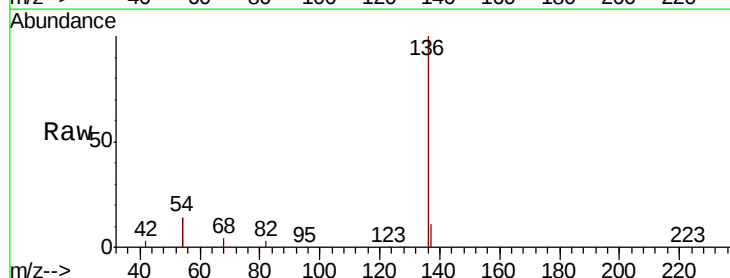
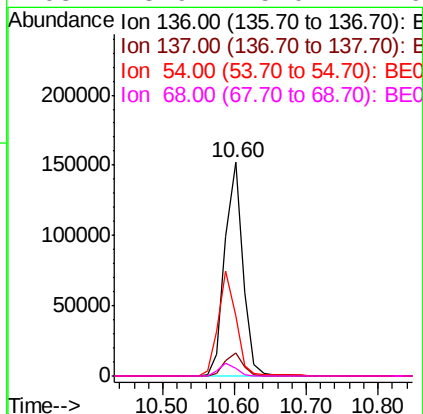
RT: 10.60 min Scan# 649

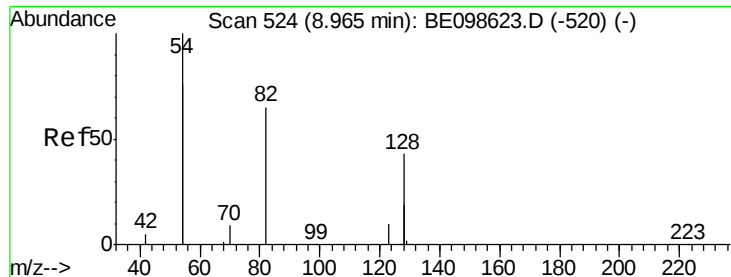
Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		265151		
137	10.9	9.7	14.5		
54	28.2	35.5	53.3#		
68	3.9	5.0	7.6#		





#8

Nitrobenzene-d5

Concen: 142.654 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

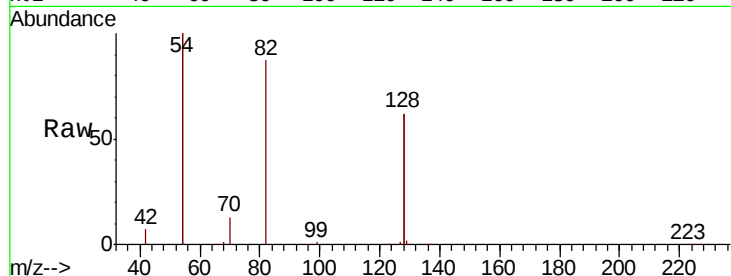
ClientSampled :

B1 123118

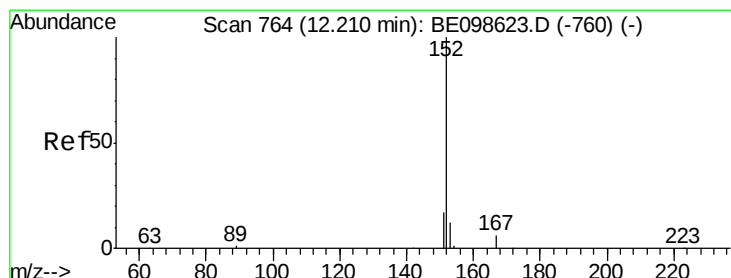
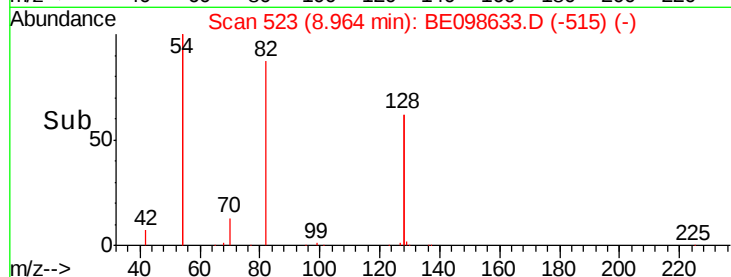
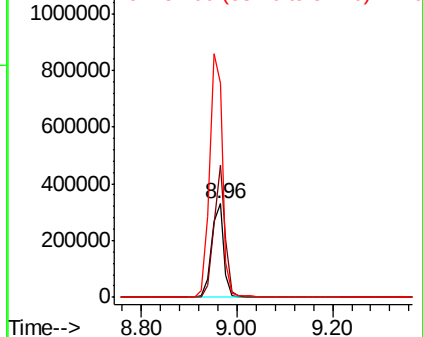
Tot Ion:	82	Resp:	600029
Ion Ratio	Lower	Upper	
82	100		
128	141.5	96.5	144.7
54	229.2	224.7	337.1

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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: 0.002 ng

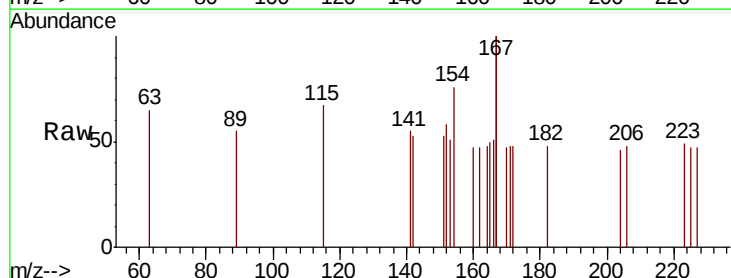
RT: 12.34 min Scan# 772

Delta R.T. 0.13 min

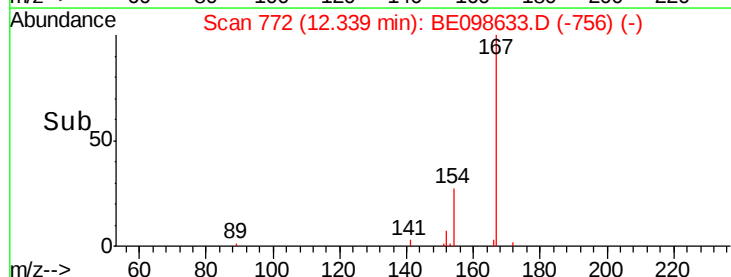
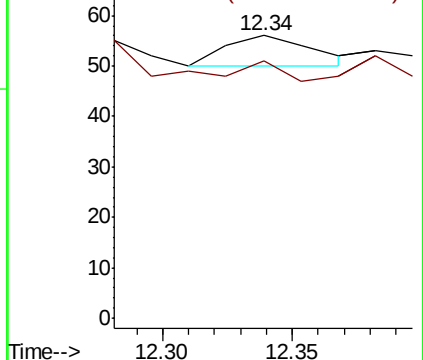
Lab File: BE098633.D

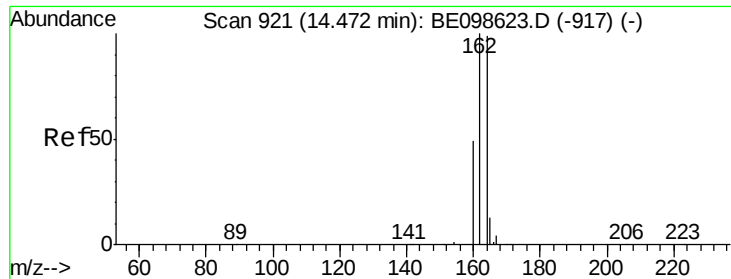
Acq: 15 Jan 2019 18:24

Tgt Ion:	152	Resp:	14
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.2	24.4



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





#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

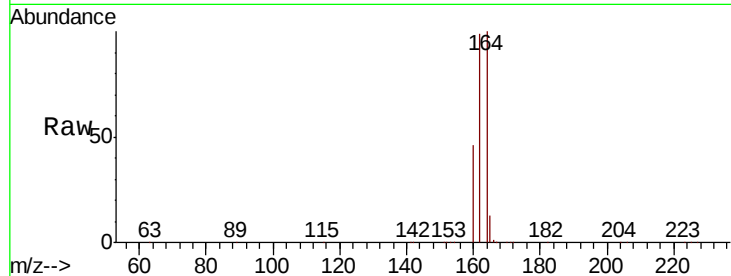
ClientSampleId :

B1_123118

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.5	120.7
160	46.3	40.1	60.1

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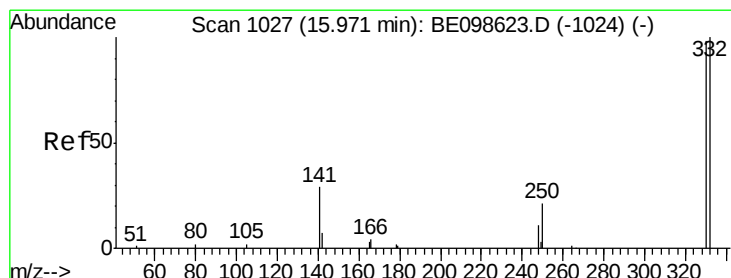
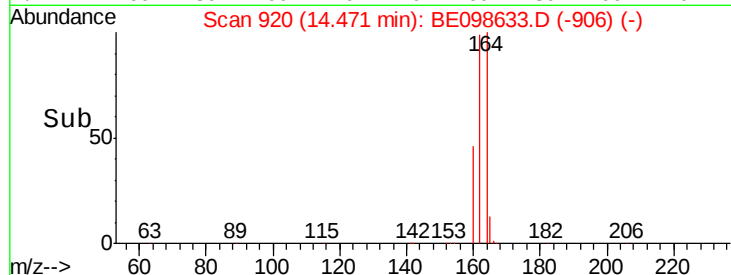
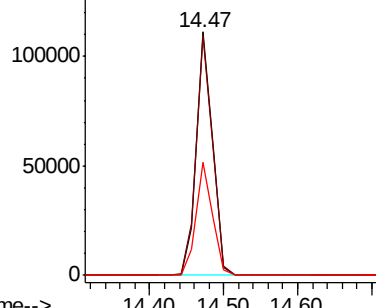


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 199.985 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

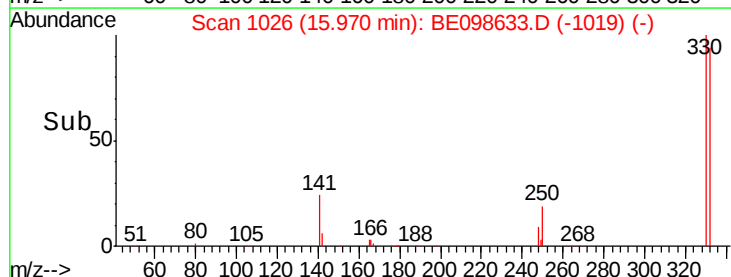
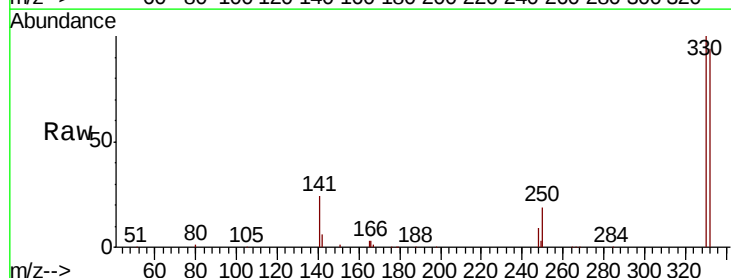
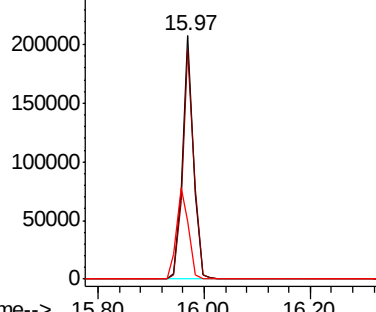
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	73.3	109.9
141	41.9	33.1	49.7

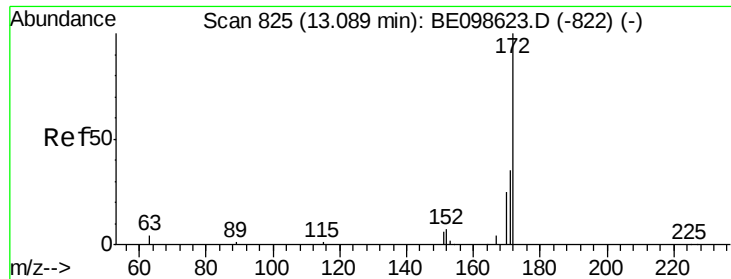
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





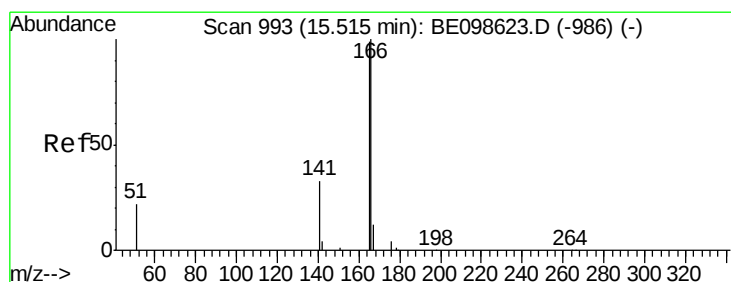
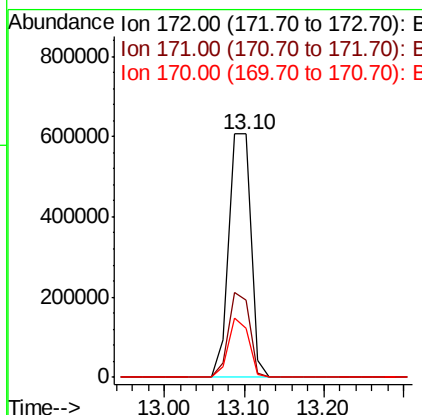
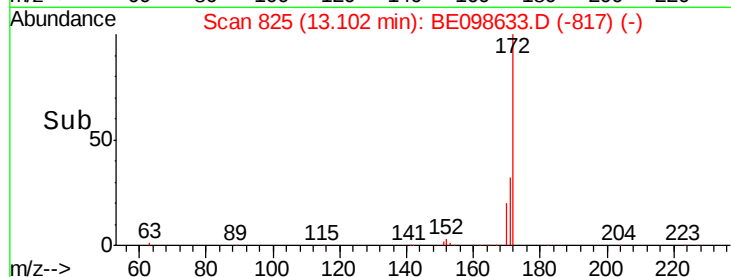
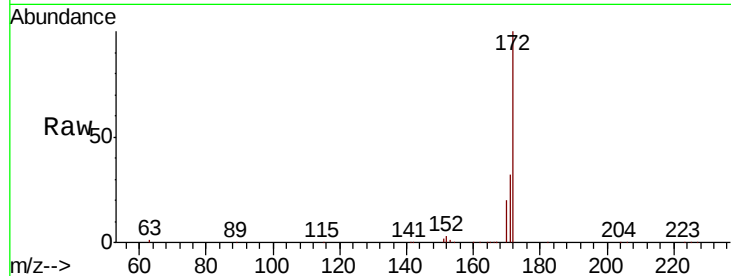
#15
2-Fluorobiphenyl
Concen: 84.242 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Instrument :
BNA_E
ClientSampleId :
B1_123118

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.9	29.0	43.4
170	20.3	20.8	31.2

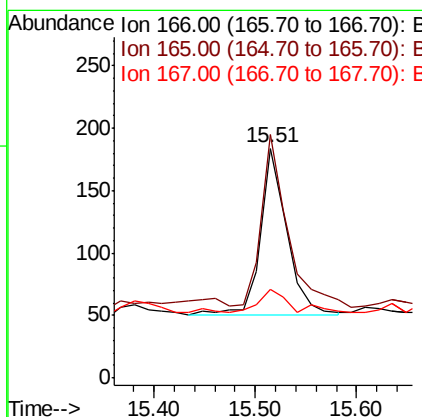
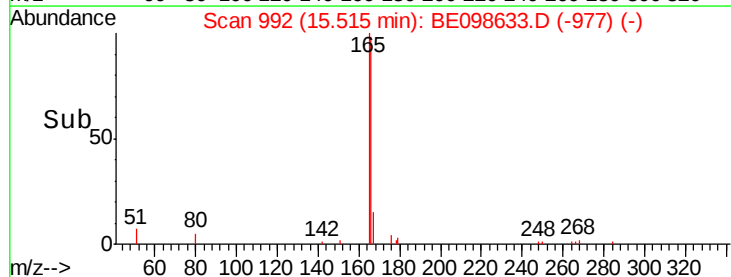
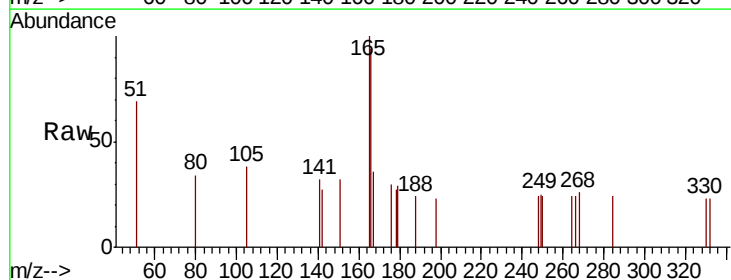
Manual Integrations
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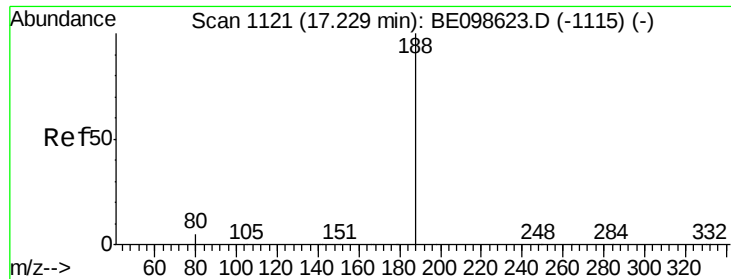
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#18
Fluorene
Concen: 0.021 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	17.6	10.6	15.8





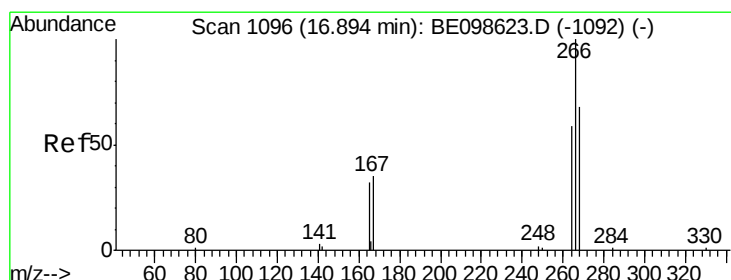
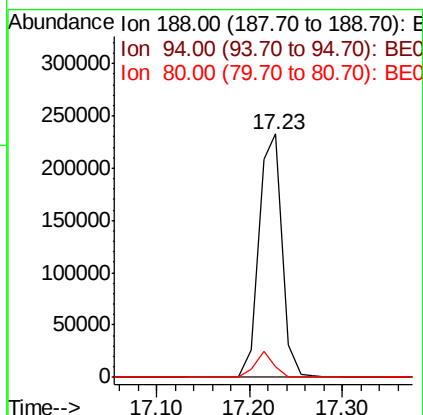
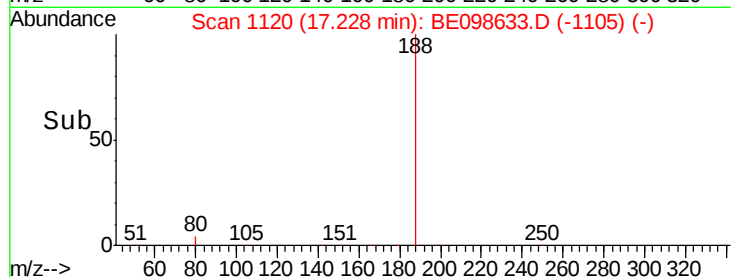
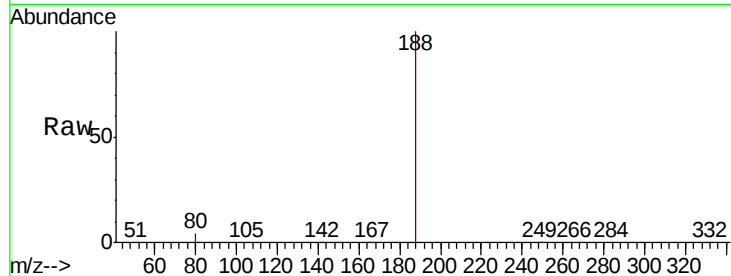
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Instrument :
BNA_E
ClientSampleId :
B1_123118

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.5	4.7	7.1#

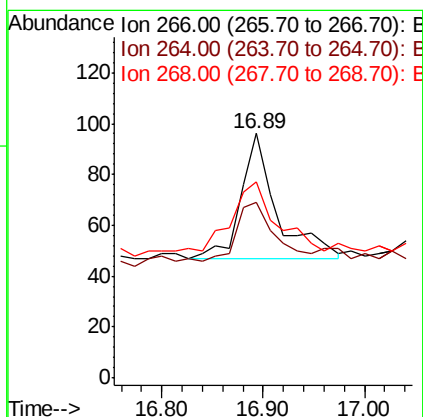
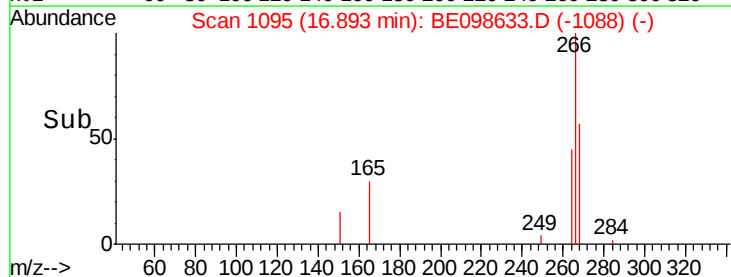
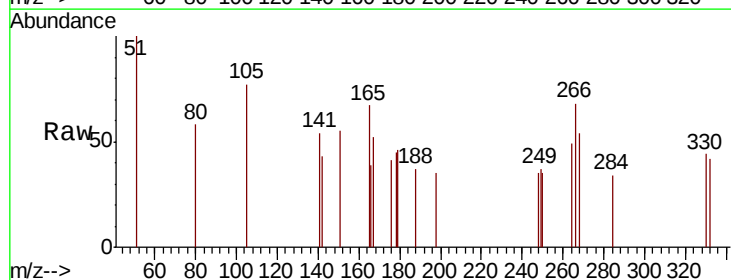
Manual Integrations
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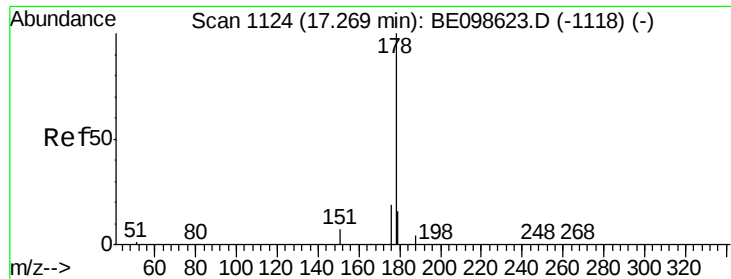
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#22
Pentachlorophenol
Concen: 10.245 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098633.D
Acq: 15 Jan 2019 18:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
264	71.9	53.7	80.5
268	80.2	59.8	89.8





#23

Phenanthrene

Concen: 0.084 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

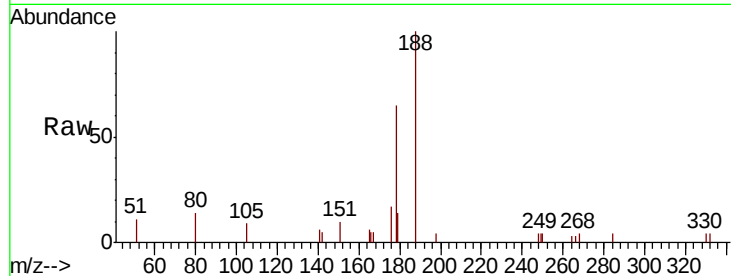
ClientSampled :

B1 123118

Tot Ion:	178	Resp:	1610
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	0.0	12.2	18.4#

Manual Integrations
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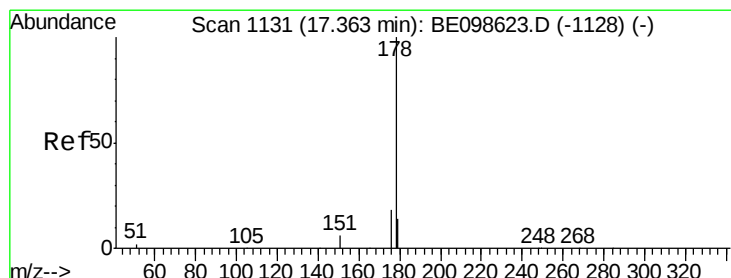
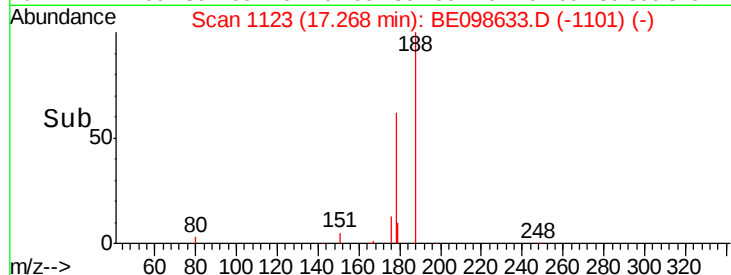
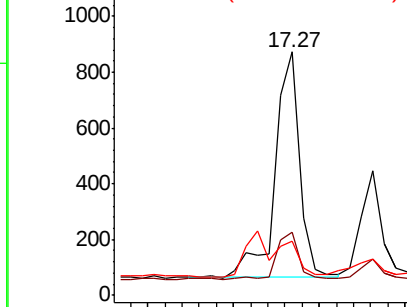


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.039 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

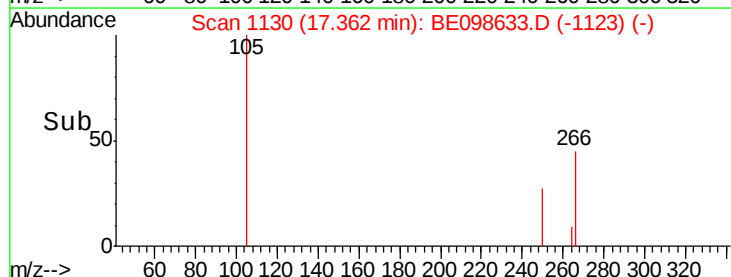
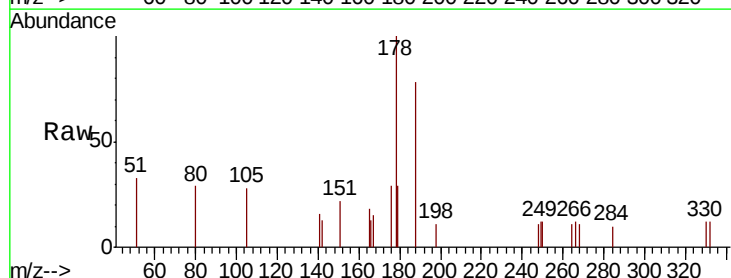
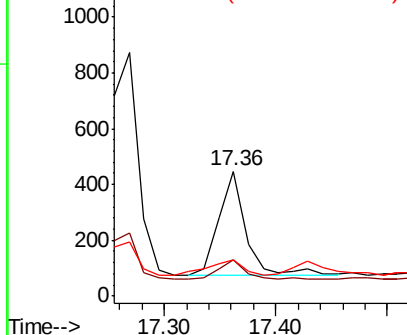
Tgt Ion:	178	Resp:	636
Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.9	22.3
179	18.4	11.8	17.8#

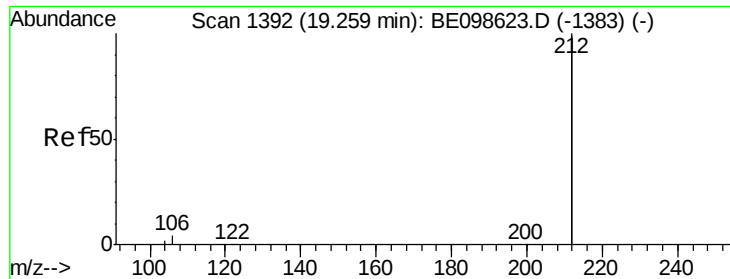
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

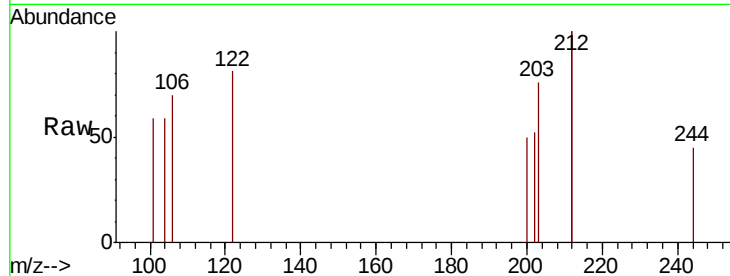
ClientSampleId :

B1_123118

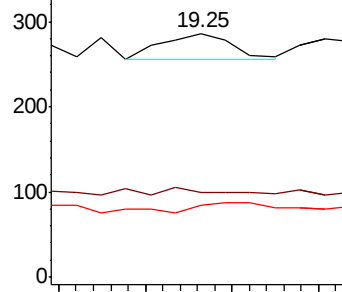
Tot Ion:	212	Resp:	33
Ion Ratio	Lower	Upper	
212	100		
106	0.0	1.7	2.5#
104	48.5	1.0	1.6#

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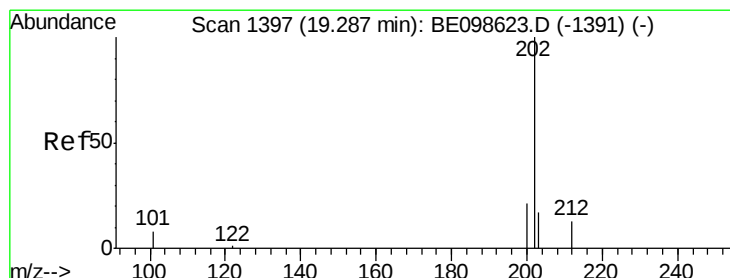
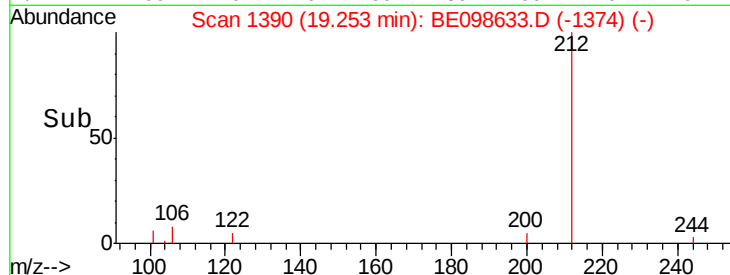
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 19.22 19.24 19.26 19.28



#26

Fluoranthene

Concen: 0.058 ng

RT: 19.29 min Scan# 1396

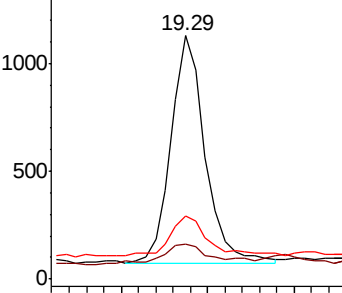
Delta R.T. -0.00 min

Lab File: BE098633.D

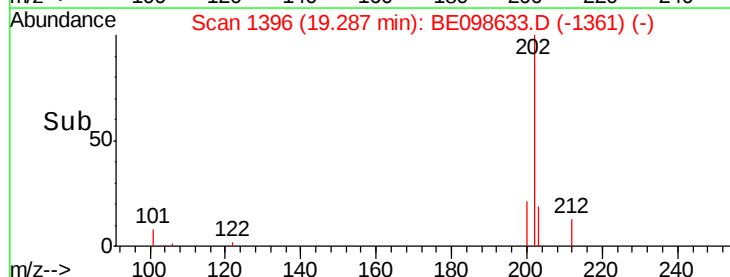
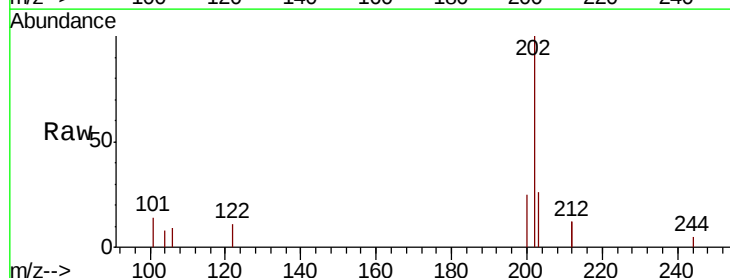
Acq: 15 Jan 2019 18:24

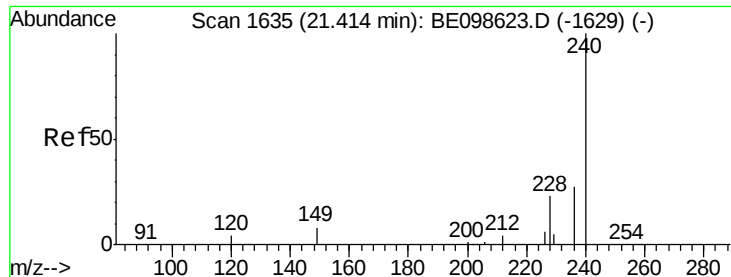
Tgt Ion:	202	Resp:	1438
Ion Ratio	Lower	Upper	
202	100		
101	13.4	6.7	10.1#
203	20.1	13.3	19.9#

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



Time--> 19.25 19.30 19.35





#27

Chrysene-d12

Concen: 20.000 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Instrument :

BNA_E

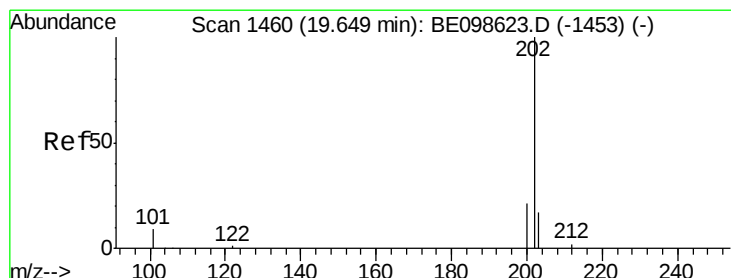
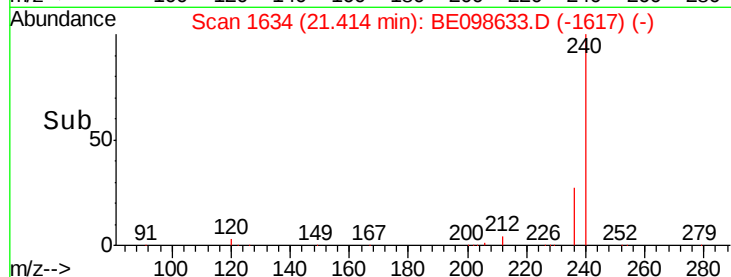
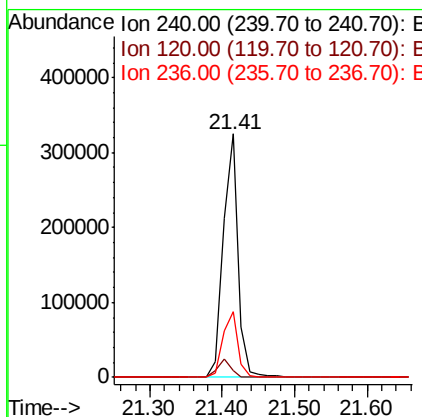
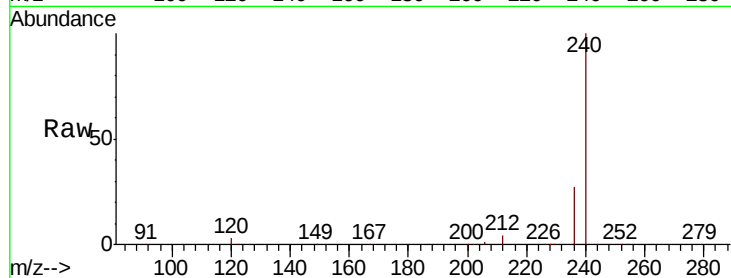
ClientSampleId :

B1_123118

Tot Ion:240 Resp: 467430
 Ion Ratio Lower Upper
 240 100
 120 3.0 4.7 7.1#
 236 27.0 21.9 32.9

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#28

Pyrene

Concen: 0.048 ng

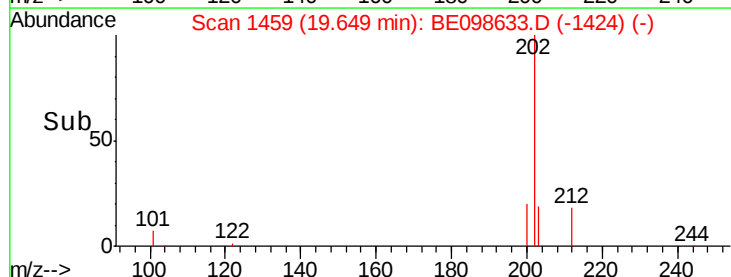
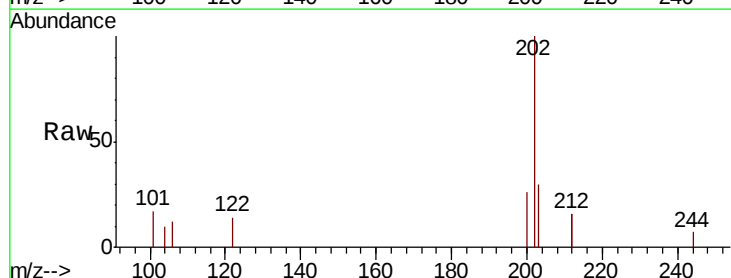
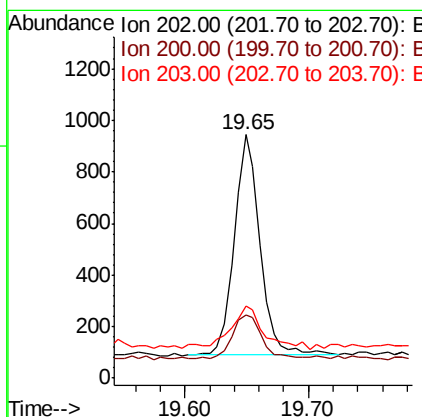
RT: 19.65 min Scan# 1459

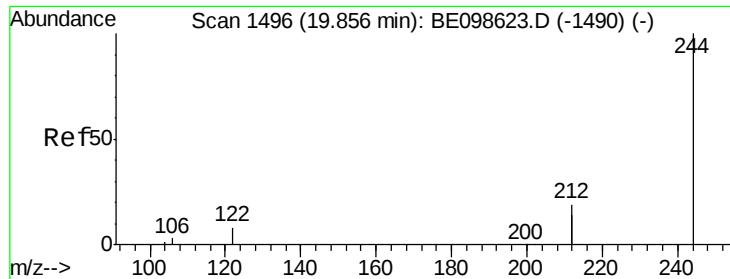
Delta R.T. -0.00 min

Lab File: BE098633.D

Acq: 15 Jan 2019 18:24

Tgt Ion:202 Resp: 1226
 Ion Ratio Lower Upper
 202 100
 200 23.7 17.0 25.6
 203 26.8 13.8 20.8#





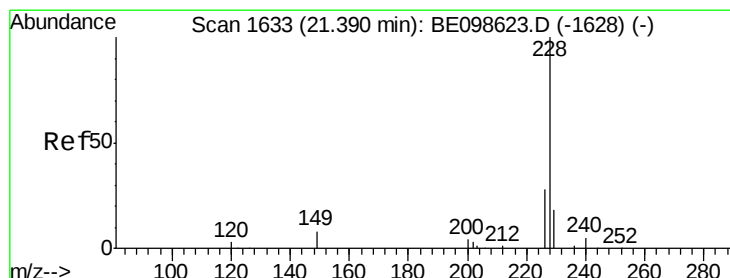
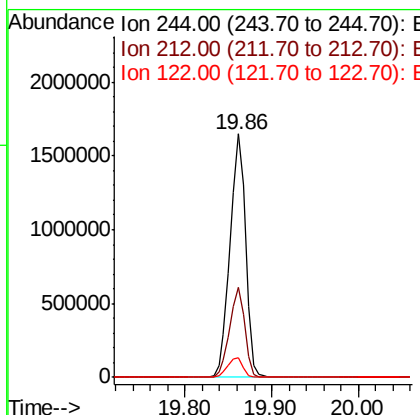
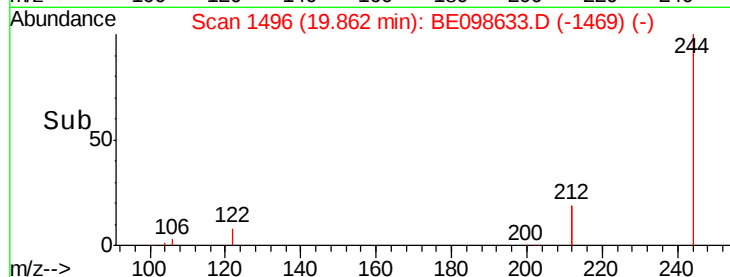
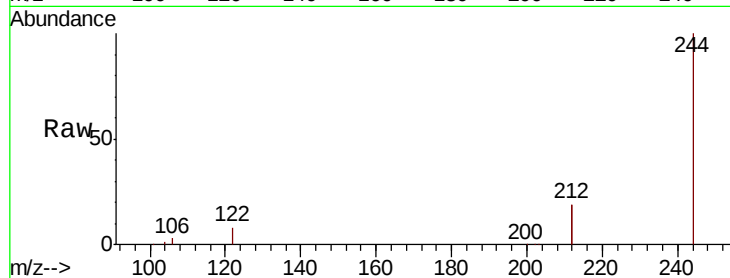
#29
 Terphenyl-d14
 Concen: 98.826 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Instrument :
 BNA_E
 ClientSampleId :
 B1_123118

Tot Ion	Ratio	Lower	Upper
244	100		
212	37.2	29.4	44.2
122	7.9	7.1	10.7

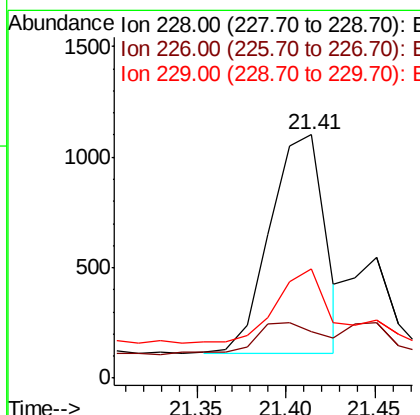
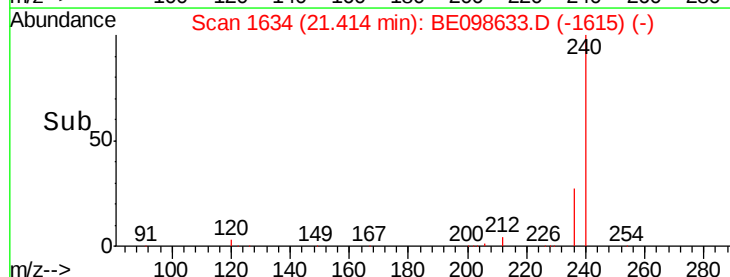
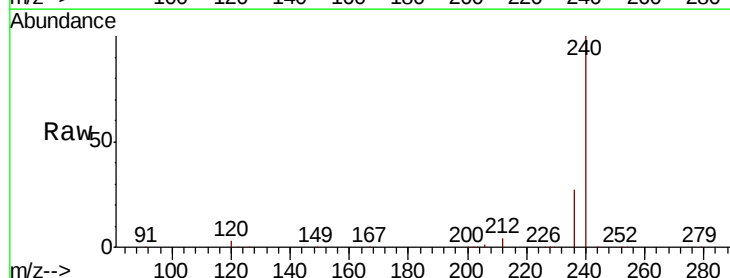
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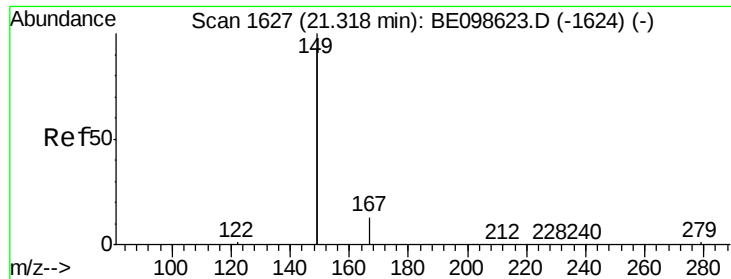
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#30
 Benzo(a)anthracene
 Concen: 0.085 ng m
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.02 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	19.3	23.0	34.4#
229	45.0	15.0	22.6#





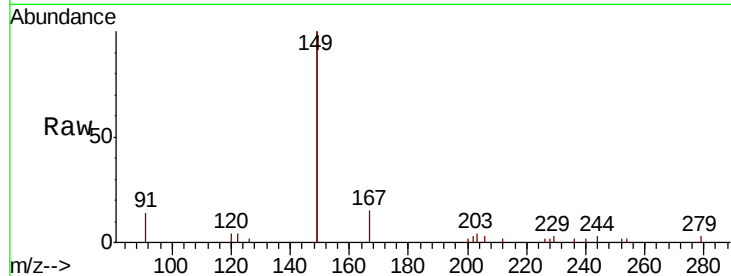
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.189 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Instrument :
 BNA_E
 ClientSampled :
 B1_123118

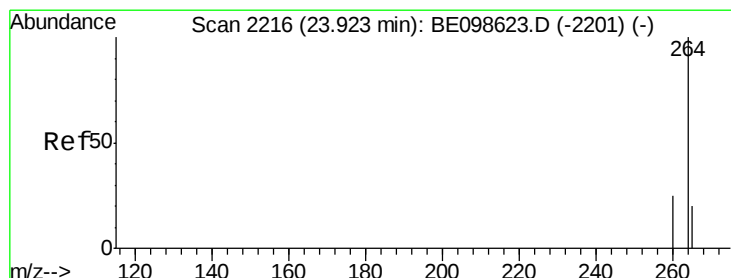
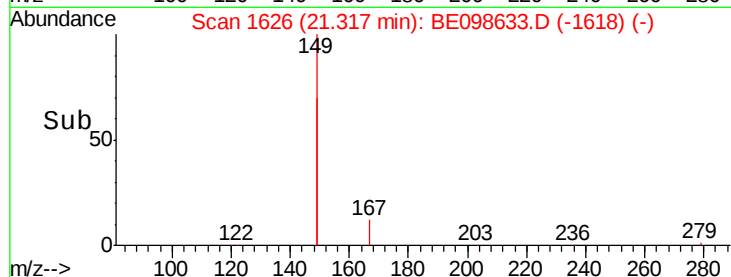
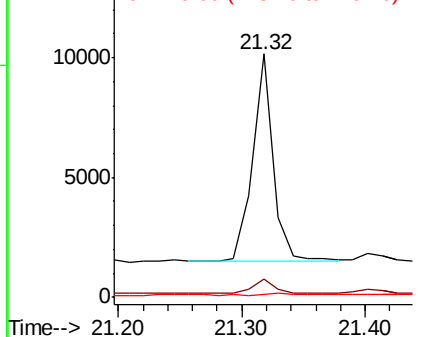
Tot Ion:	149	Resp:	10071
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.2
279	1.0	1.0	1.4

Manual Integrations
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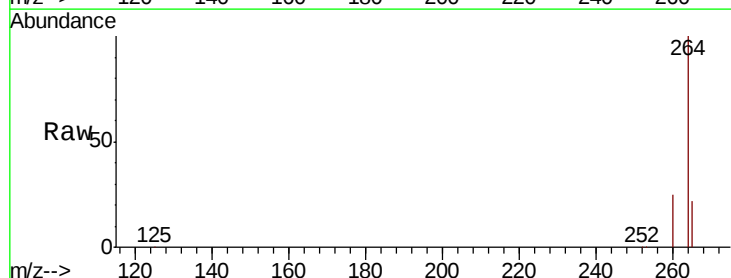


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BE098633.D
 Acq: 15 Jan 2019 18:24

Tgt Ion:	264	Resp:	470687
Ion Ratio	Lower	Upper	
264	100		
260	25.3	20.5	30.7
265	21.6	22.3	33.5#



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

