

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
 Data File : BE098632.D
 Acq On : 15 Jan 2019 17:48
 Operator : SJ/JU
 Sample : K1029-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 B12_123118

Manual Integrations
 APPROVED

Sohil
 1/16/2019 4:05:37 PM

Quant Time: Jan 16 10:00:09 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	7.80	152	60631	20.00	ng	0.00
7) Naphthalene-d8	10.60	136	237802	20.00	ng	0.00
13) Acenaphthene-d10	14.47	164	151004	20.00	ng	0.00
19) Phenanthrene-d10	17.23	188	358492	20.00	ng	0.00
27) Chrysene-d12	21.41	240	425274	20.00	ng	0.00
34) Perylene-d12	23.92	264	436978	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	186934	57.80	ng	-0.01
5) Phenol-d6	6.97	99	168835	36.66	ng	-0.02
8) Nitrobenzene-d5	8.97	82	460106	121.97	ng	0.00
11) 2-Methylnaphthalene-d10	12.43	152	67	0.01	ng	0.22
14) 2,4,6-Tribromophenol	15.97	330	216959	165.11	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	881400	71.26	ng	0.00
25) Fluoranthene-d10	19.25	212	27	0.00	ng	-0.01
29) Terphenyl-d14	19.86	244	1531973	81.40	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	21.40	228	1532m	0.067	ng	Qvalue
32) Bis(2-ethylhexyl)phthalate	21.32	149	21154	0.436	ng	99

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

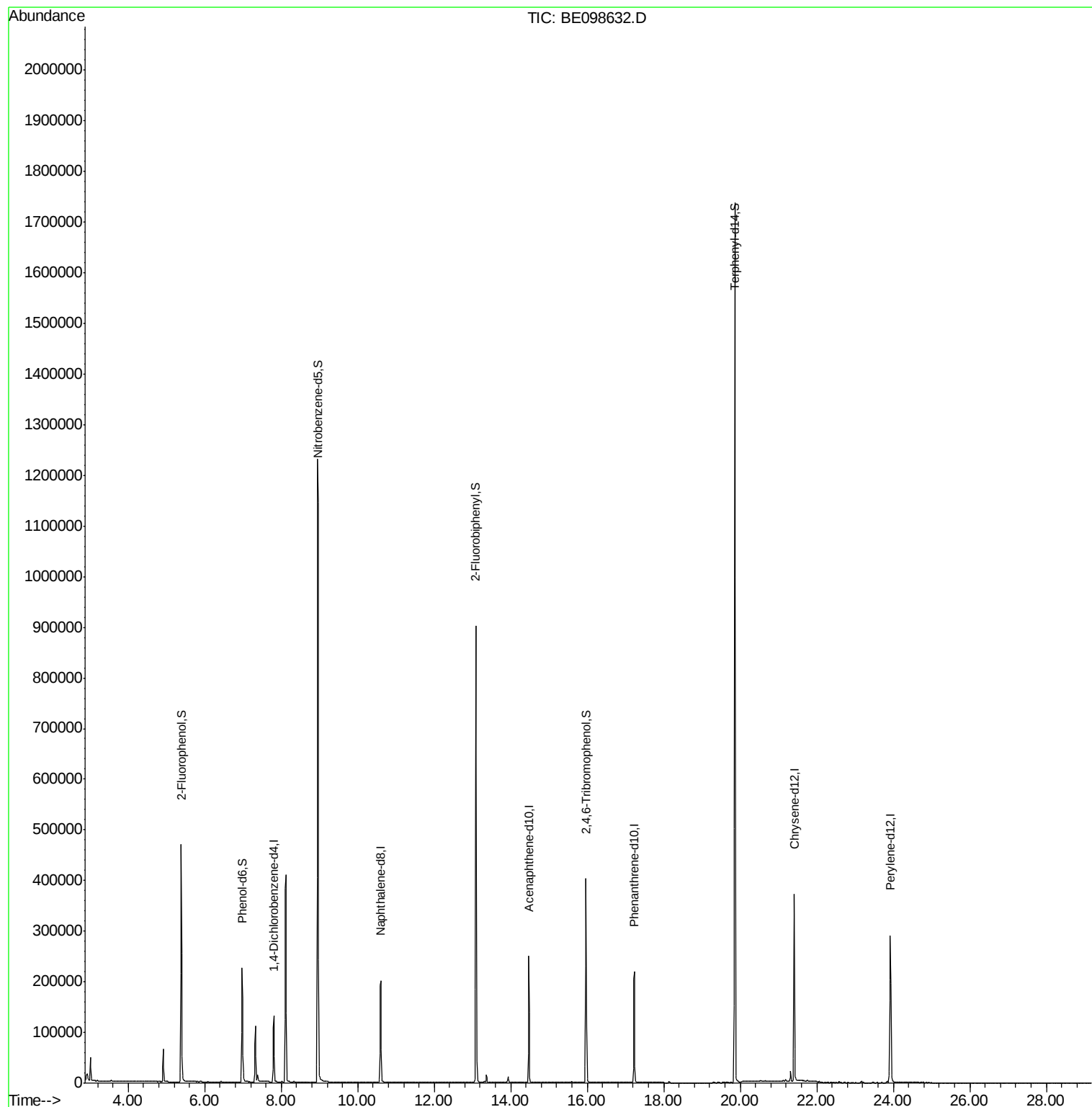
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
Data File : BE098632.D
Acq On : 15 Jan 2019 17:48
Operator : SJ/JU
Sample : K1029-01
Misc :
ALS Vial : 13 Sample Multiplier: 50

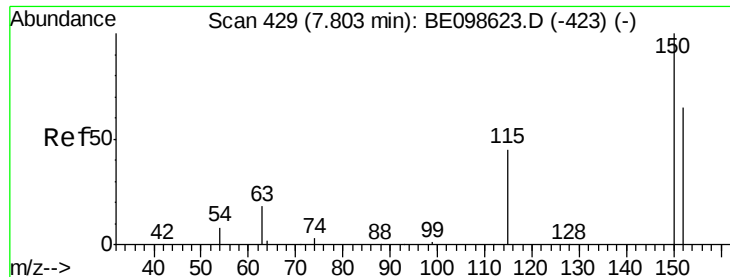
Instrument :
BNA_E
ClientSampleId :
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#1

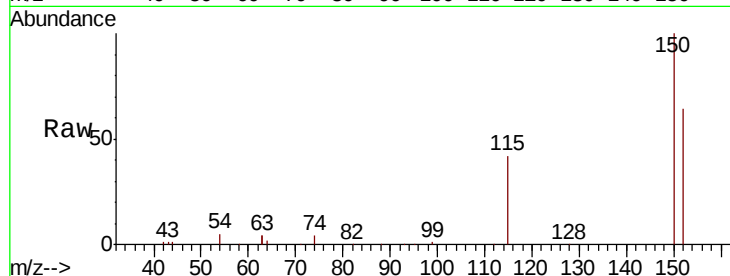
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098632.D
Acq: 15 Jan 2019 17:48

Instrument :
BNA_E
ClientSampleId :
B12_123118

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.4	182.2
115	64.5	59.1	88.7

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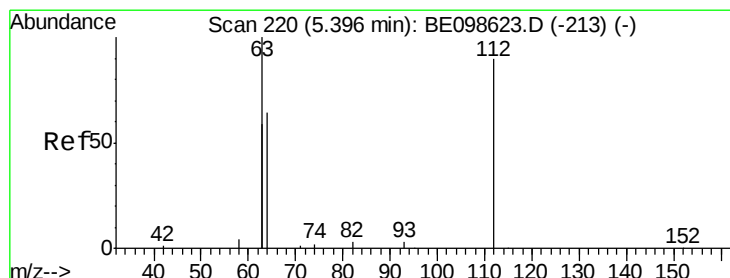
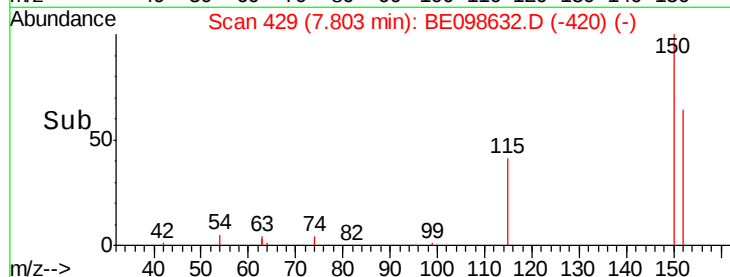
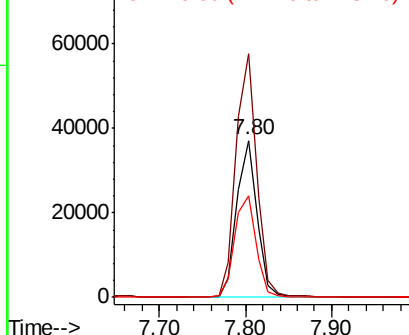


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

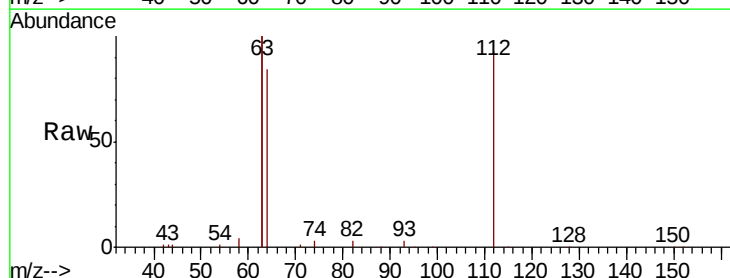
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 57.795 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.01 min
Lab File: BE098632.D
Acq: 15 Jan 2019 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.6	62.9	94.3
63	191.1	152.2	228.4

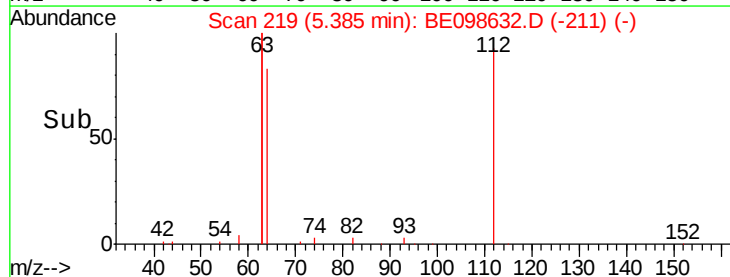
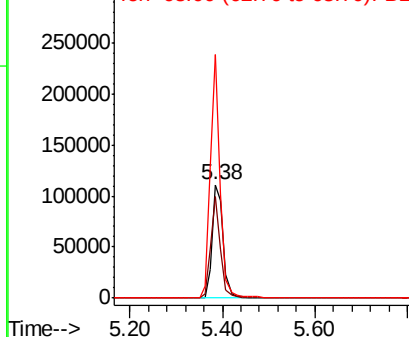


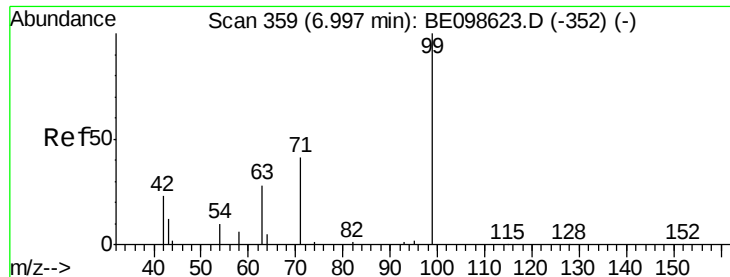
Abundance

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: 36.657 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

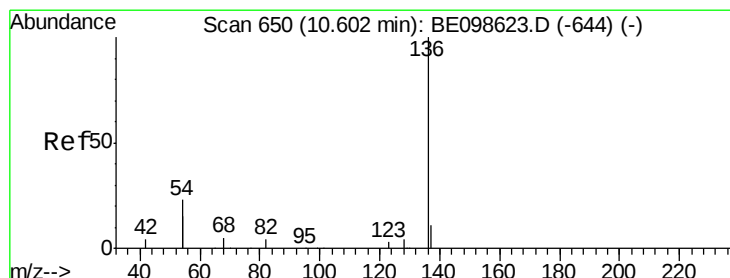
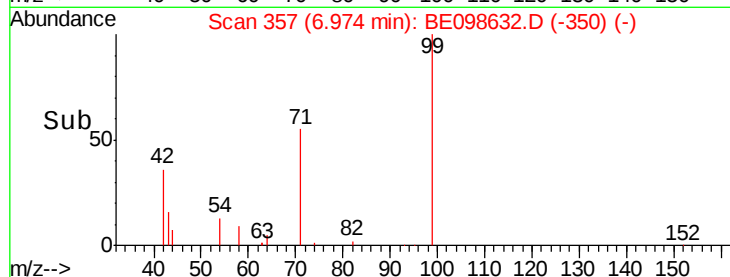
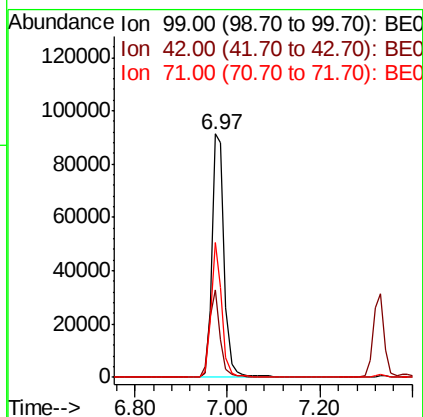
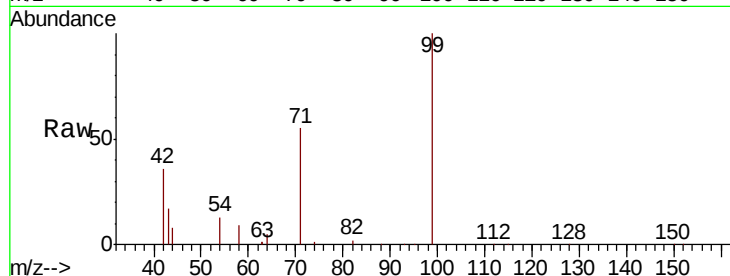
ClientSampleId :

B12_123118

Tot Ion:	99	Resp:	168835
Ion	Ratio	Lower	Upper
99	100		
42	32.2	24.6	37.0
71	48.8	35.1	52.7

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#7

Naphthalene-d8

Concen: 20.000 ng

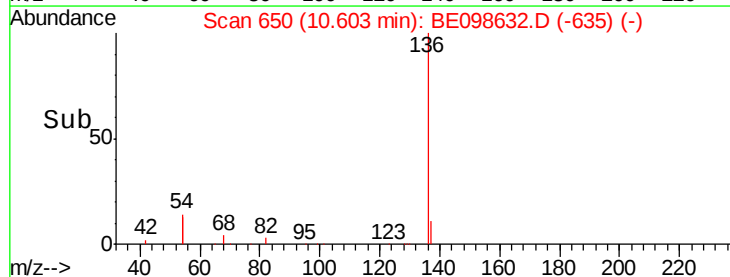
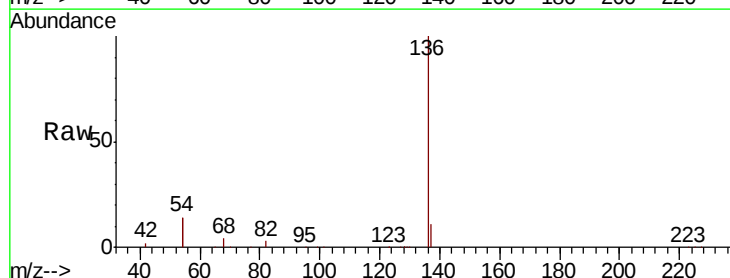
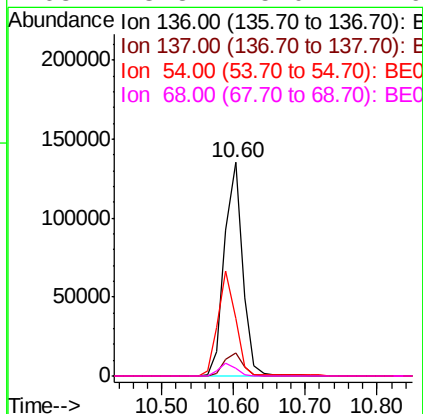
RT: 10.60 min Scan# 650

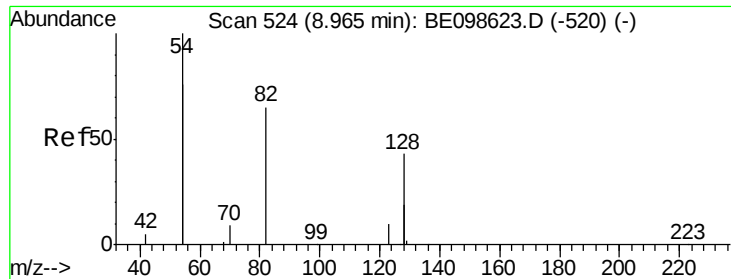
Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Tgt Ion:	136	Resp:	237802
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.7	14.5
54	27.2	35.5	53.3#
68	3.8	5.0	7.6#





#8

Nitrobenzene-d5

Concen: 121.969 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

ClientSampleId :

B12_123118

Tot Ion: 82 Resp: 460106

Ion Ratio Lower Upper

82 100

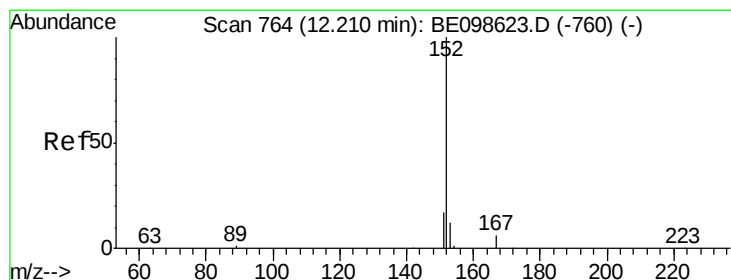
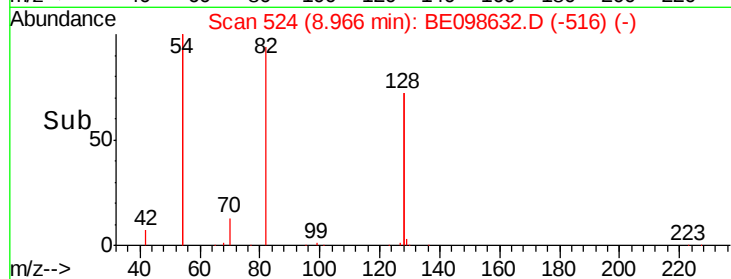
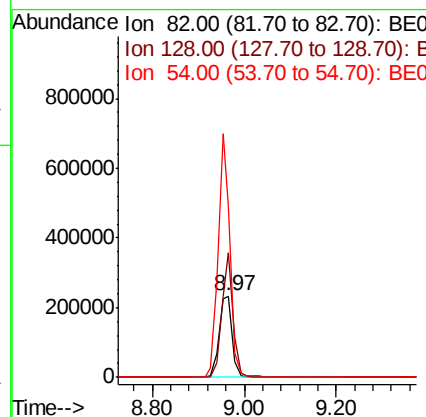
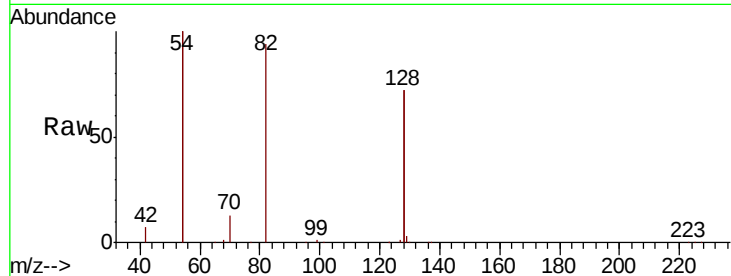
128 153.0 96.5 144.7#

54 211.8 224.7 337.1#

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#11

2-Methylnaphthalene-d10

Concen: 0.009 ng

RT: 12.43 min Scan# 779

Delta R.T. 0.22 min

Lab File: BE098632.D

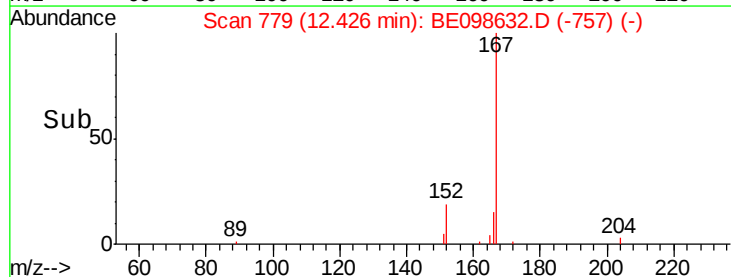
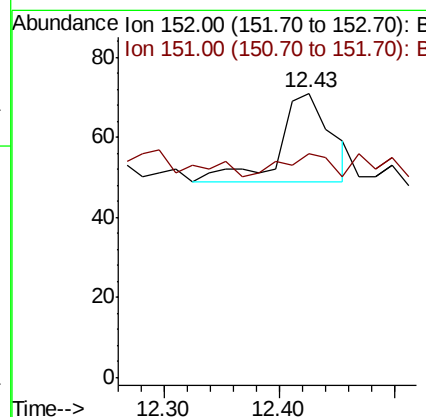
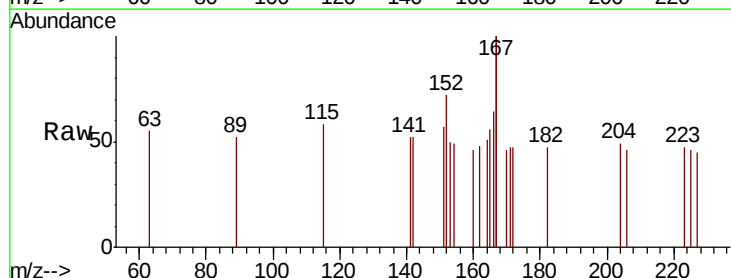
Acq: 15 Jan 2019 17:48

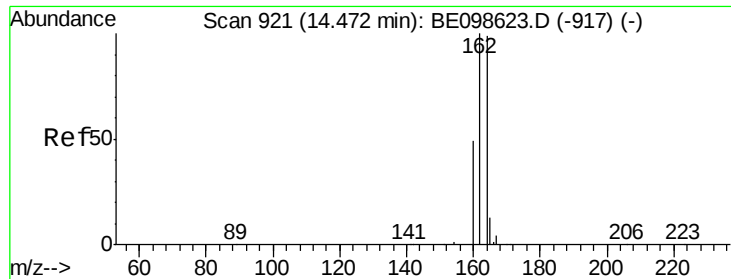
Tgt Ion: 152 Resp: 67

Ion Ratio Lower Upper

152 100

151 23.9 16.2 24.4





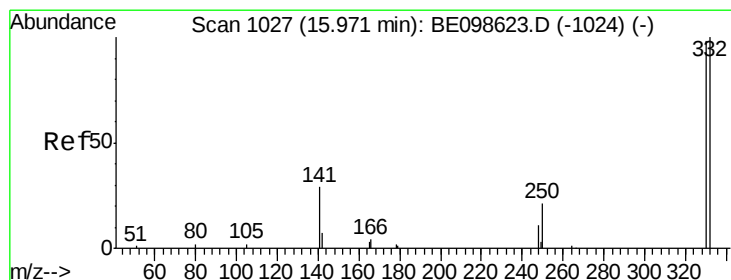
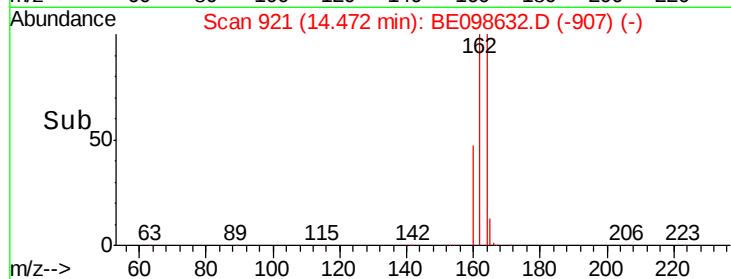
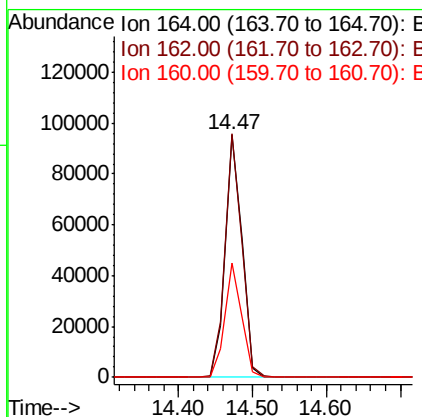
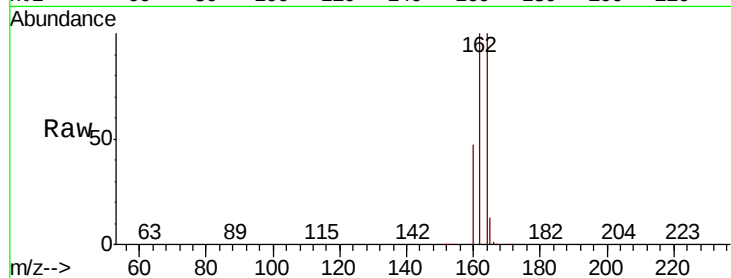
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE098632.D
Acq: 15 Jan 2019 17:48

Instrument :
BNA_E
ClientSampleId :
B12_123118

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.5	120.7
160	46.9	40.1	60.1

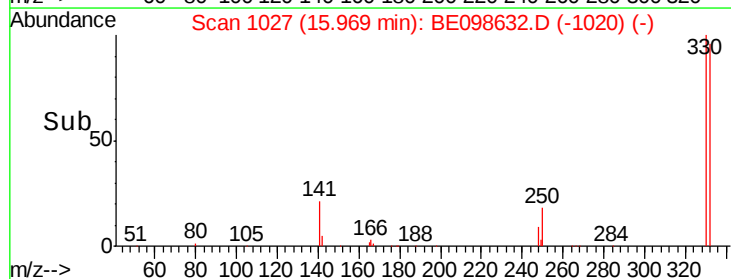
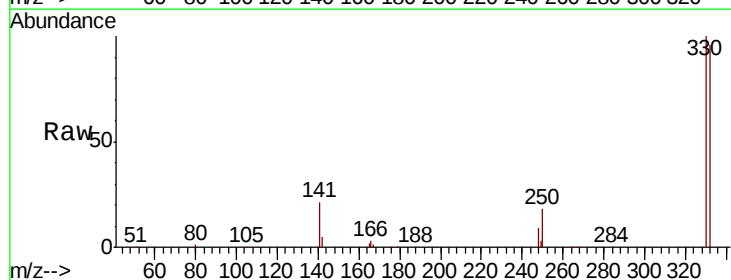
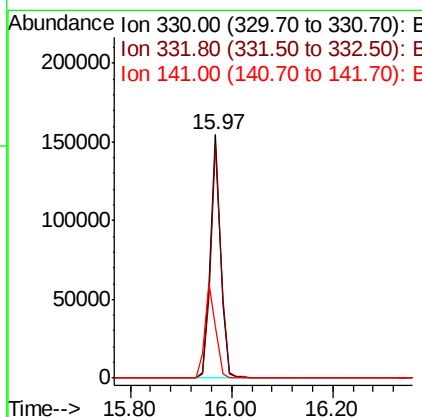
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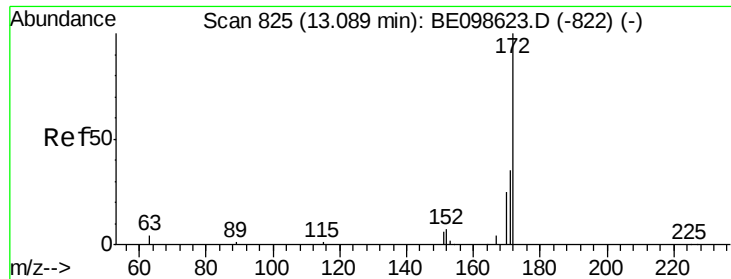
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#14
2,4,6-Tribromophenol
Concen: 165.107 ng
RT: 15.97 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE098632.D
Acq: 15 Jan 2019 17:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	73.3	109.9
141	42.2	33.1	49.7





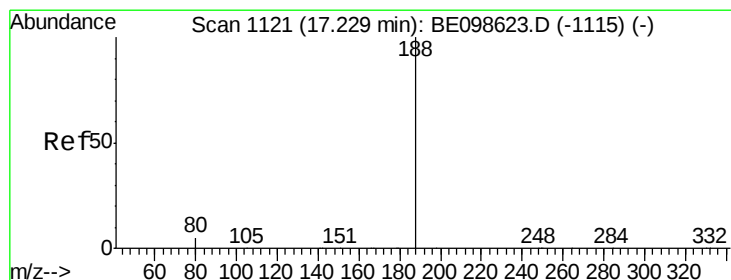
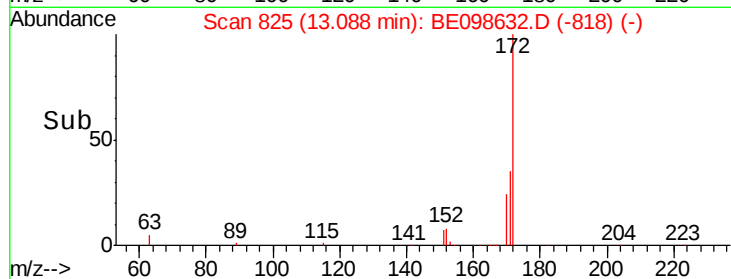
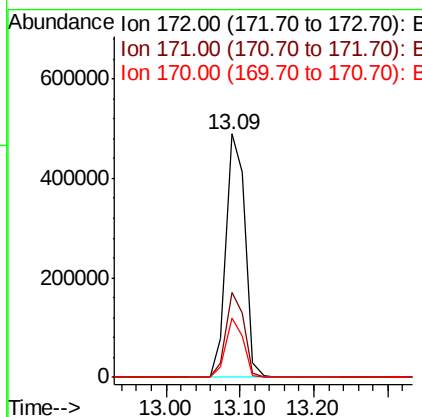
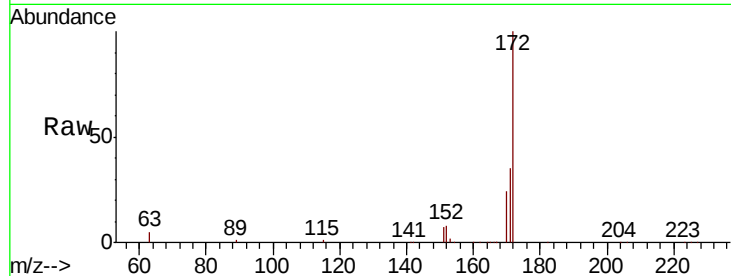
#15
2-Fluorobiphenyl
Concen: 71.258 ng
RT: 13.09 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE098632.D
Acq: 15 Jan 2019 17:48

Instrument :
BNA_E
ClientSampleId :
B12_123118

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	24.5	20.8	31.2

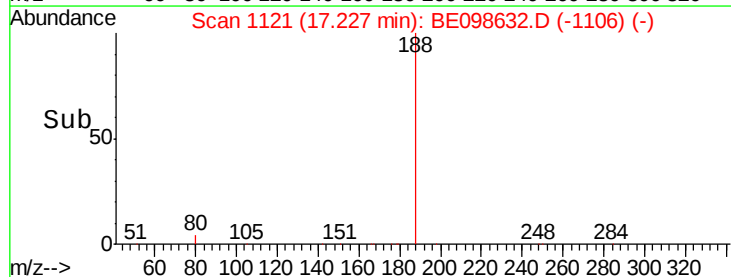
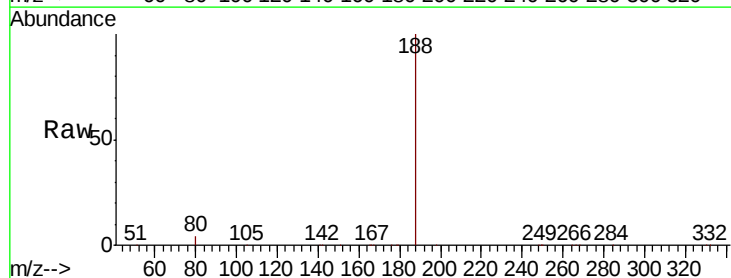
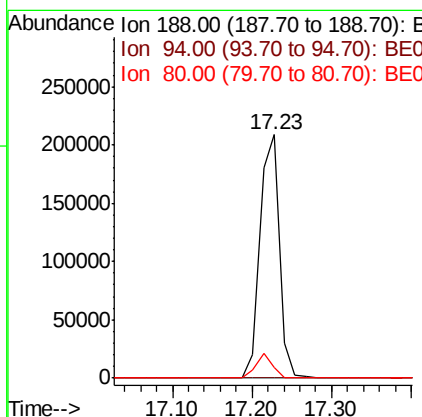
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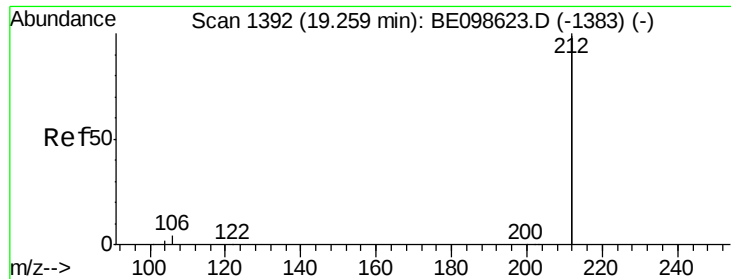
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#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE098632.D
Acq: 15 Jan 2019 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.3	4.7	7.1#





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

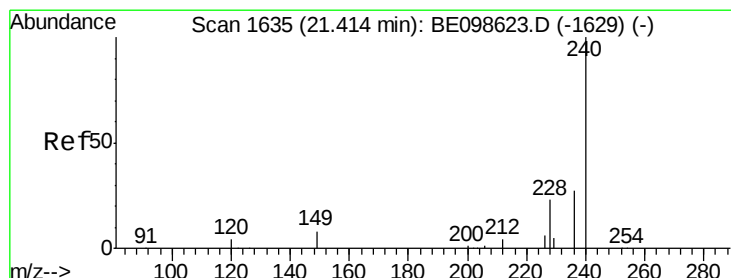
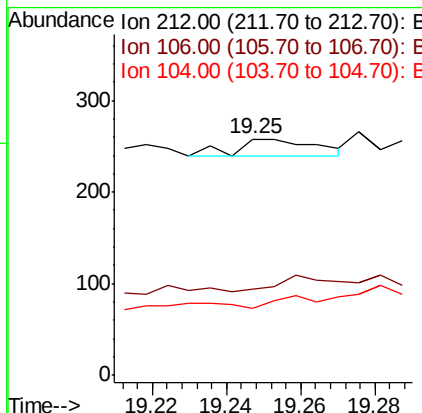
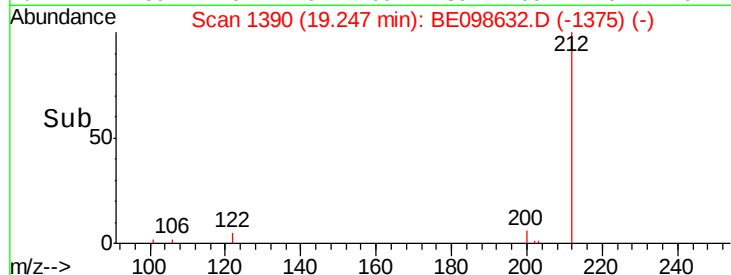
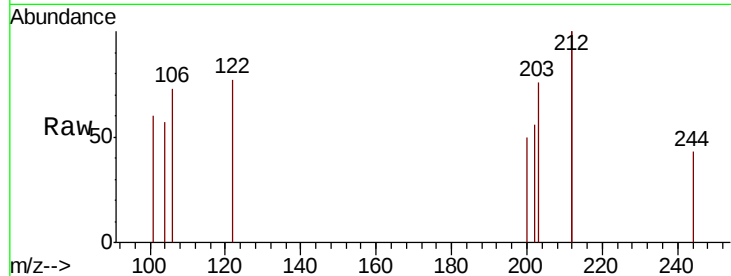
ClientSampleId :

B12_123118

Tot Ion:	212	Resp:	27
Ion Ratio	Lower	Upper	
212	100		
106	77.8	1.7	2.5#
104	37.0	1.0	1.6#

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#27

Chrysene-d12

Concen: 20.000 ng

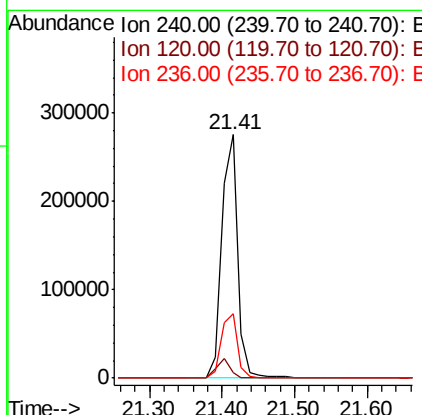
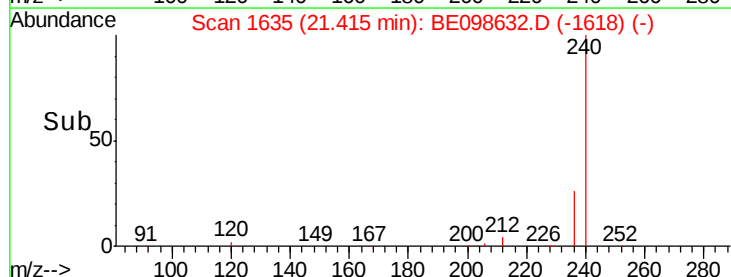
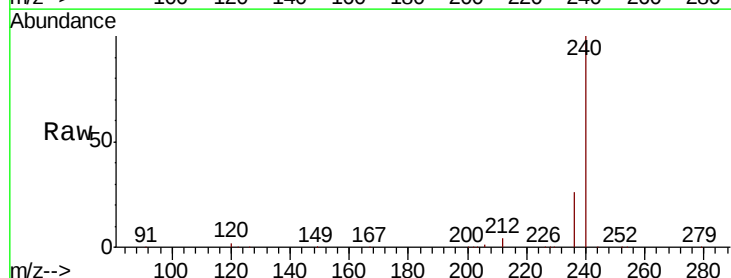
RT: 21.41 min Scan# 1635

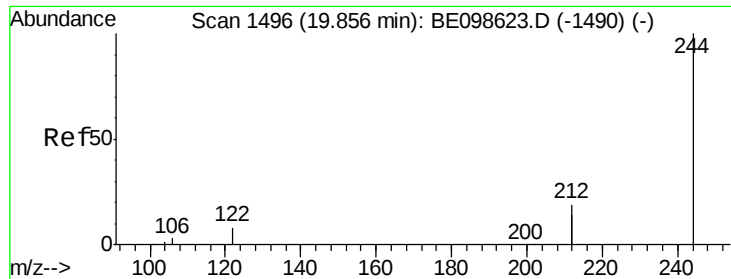
Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Tgt Ion:	240	Resp:	425274
Ion Ratio	Lower	Upper	
240	100		
120	2.5	4.7	7.1#
236	26.4	21.9	32.9





#29

Terphenyl-d14

Concen: 81.405 ng

RT: 19.86 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

ClientSampleId :

B12_123118

Tot Ion:244 Resp: 1531973

Ion Ratio Lower Upper

244 100

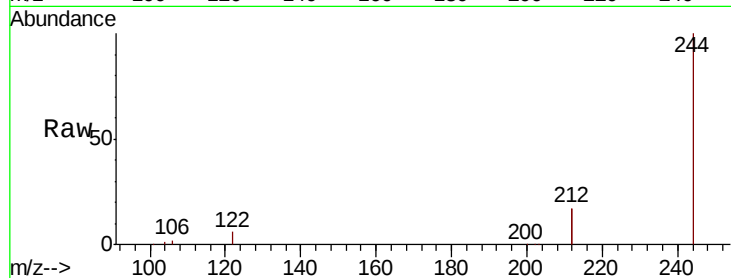
212 34.8 29.4 44.2

122 6.4 7.1 10.7#

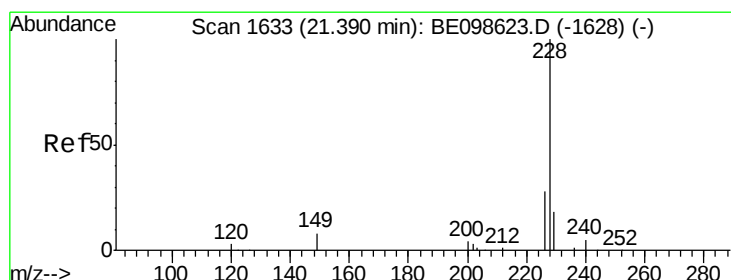
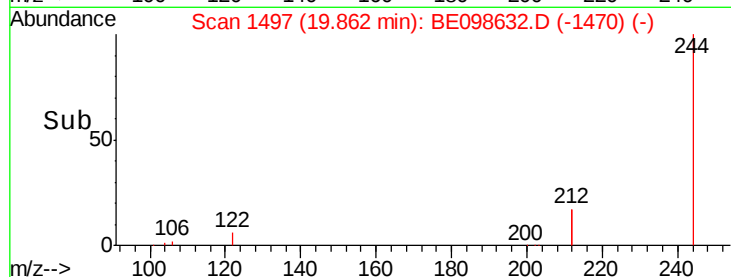
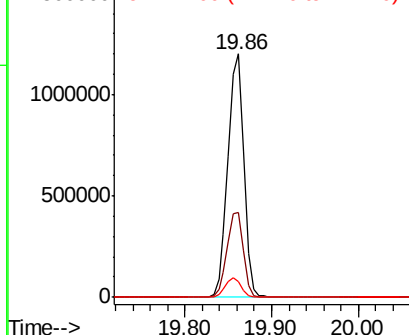
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.067 ng m

RT: 21.40 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Tgt Ion:228 Resp: 1532

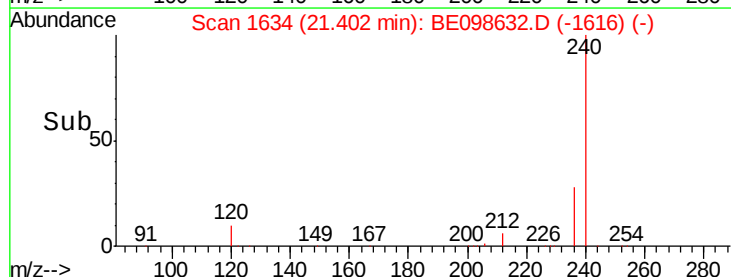
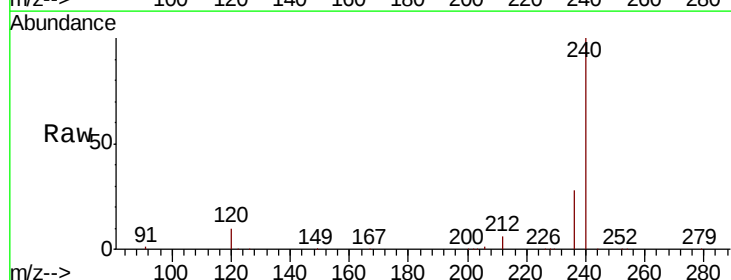
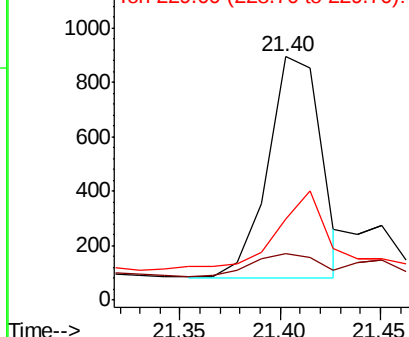
Ion Ratio Lower Upper

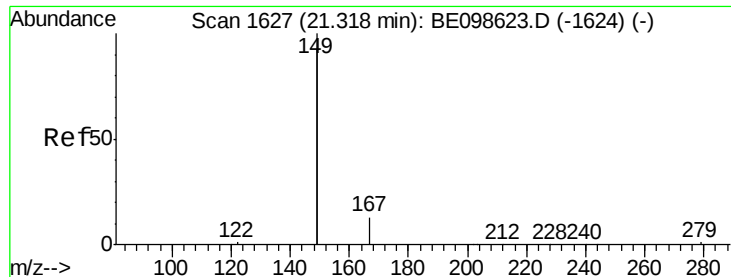
228 100

226 19.3 23.0 34.4#

229 33.5 15.0 22.6#

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: 0.436 ng

RT: 21.32 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

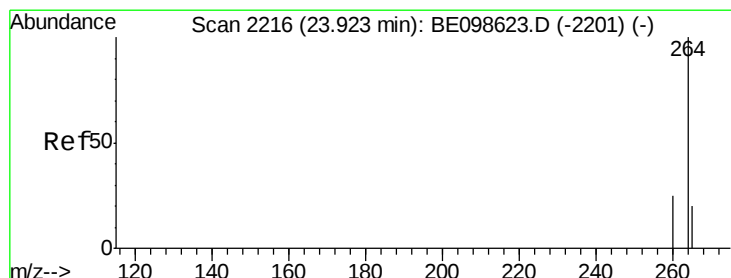
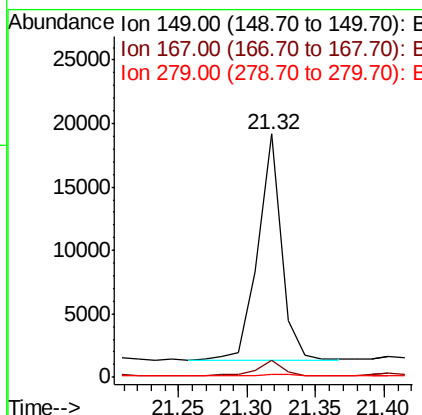
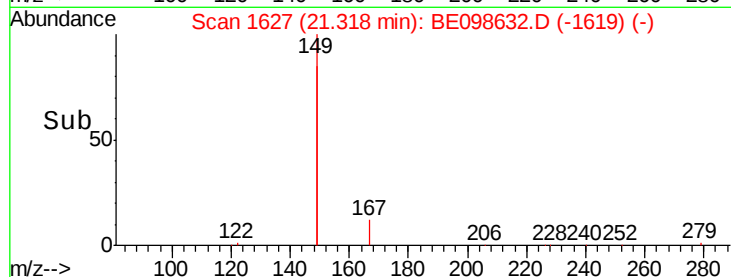
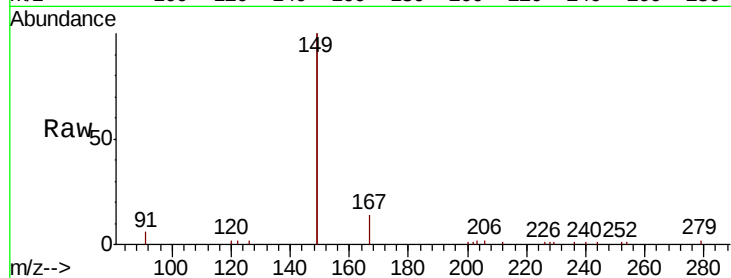
ClientSampled :

B12_123118

Tot Ion:	149	Resp:	21154
Ion Ratio	Lower	Upper	
149	100		
167	6.4	5.4	8.2
279	1.3	1.0	1.4

Manual Integrations
APPROVED

Sohil
1/16/2019 4:05:37 PM



#34

Perylene-d12

Concen: 20.000 ng

RT: 23.92 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Tgt Ion:	264	Resp:	436978
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.5	30.7
265	21.7	22.3	33.5#

