

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001154.D
 Acq On : 03 Dec 2019 06:59
 Operator : JU
 Sample : K6014-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-09

Quant Time: Dec 03 08:01:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	140806	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	516510	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	282687	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	528442	20.00	ng	0.00
76) Chrysene-d12	19.27	240	415788	20.00	ng	0.00
87) Perylene-d12	21.05	264	467594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	733996	86.48	ng	0.00
7) Phenol-d6	7.78	99	1156180	102.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	797784	67.01	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	181501	66.99	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1314379	68.05	ng	0.00
79) Terphenyl-d14	17.91	244	1487951	66.21	ng	0.00

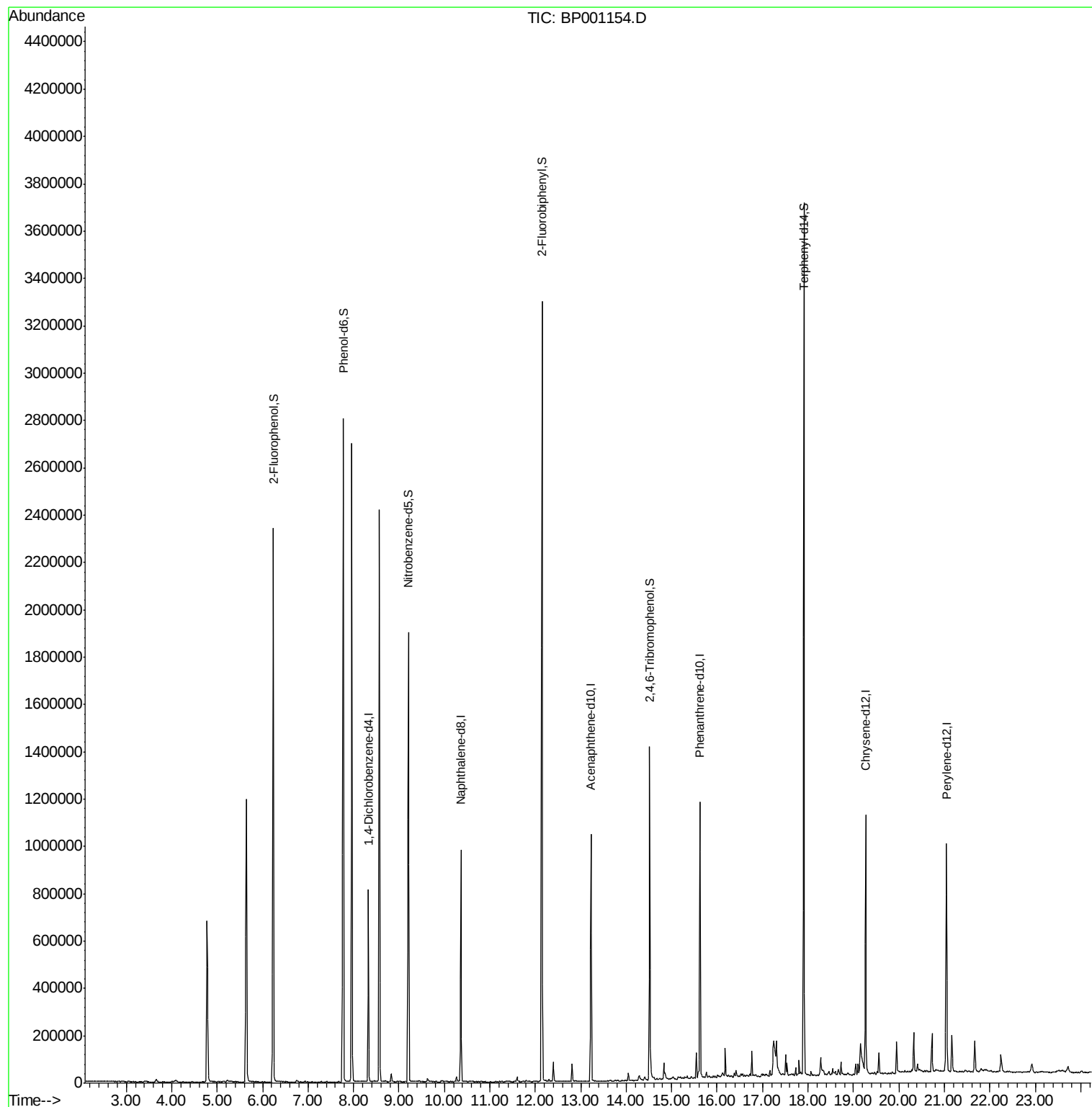
Target Compounds Qvalue

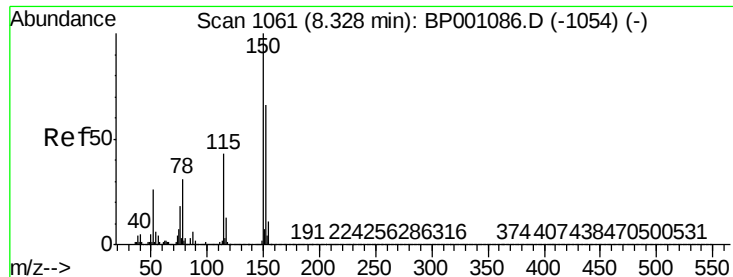
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

BNA_P

ClientSampled :

CS-09

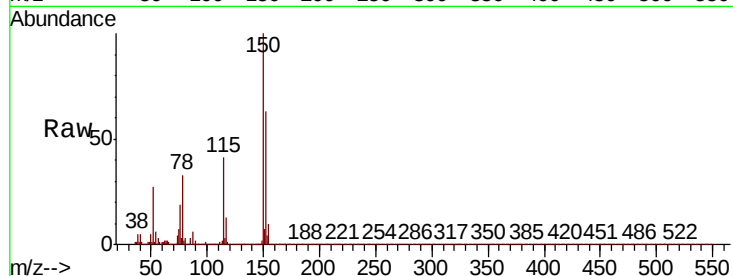
Tot Ion:152 Resp: 140806

Ion Ratio Lower Upper

152 100

150 157.7 120.6 181.0

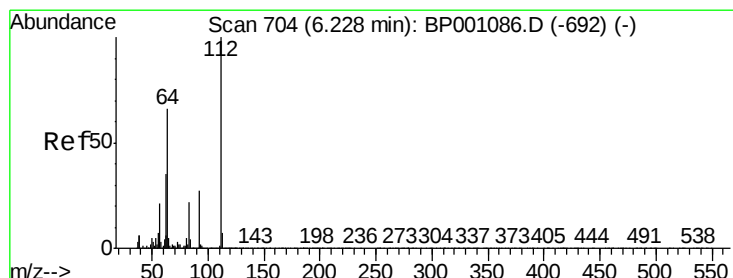
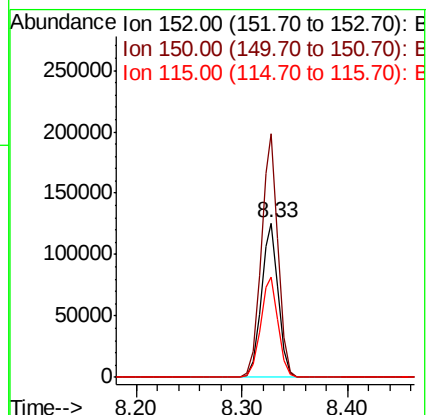
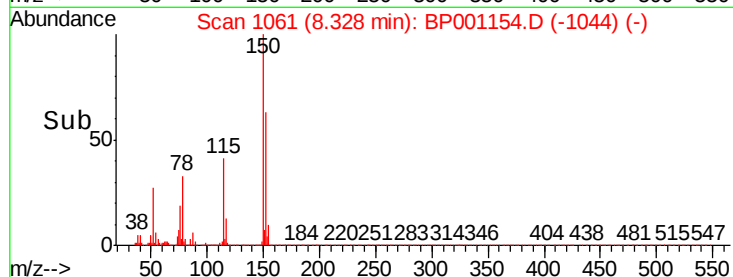
115 65.0 51.6 77.4



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



#5

2-Fluorophenol

Concen: 86.485 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

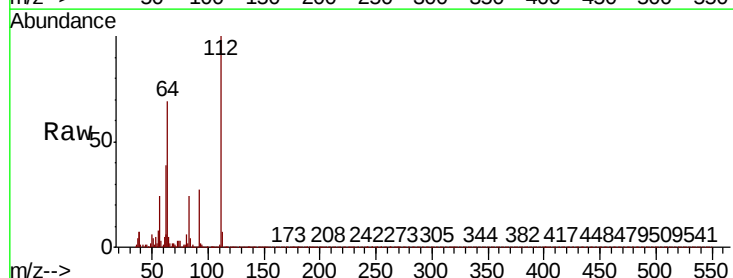
Tgt Ion:112 Resp: 733996

Ion Ratio Lower Upper

112 100

64 68.6 52.8 79.2

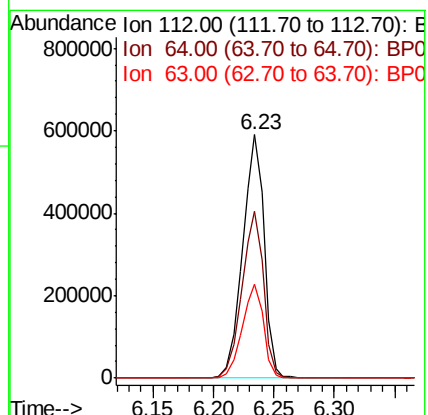
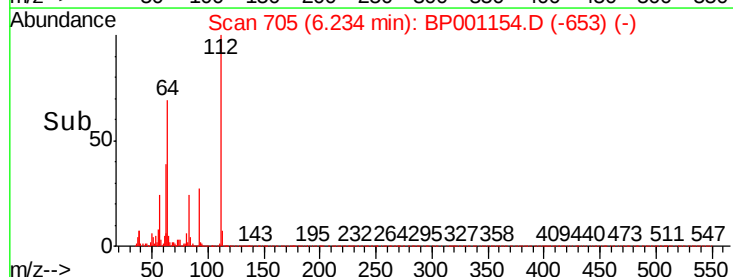
63 38.7 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 102.256 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

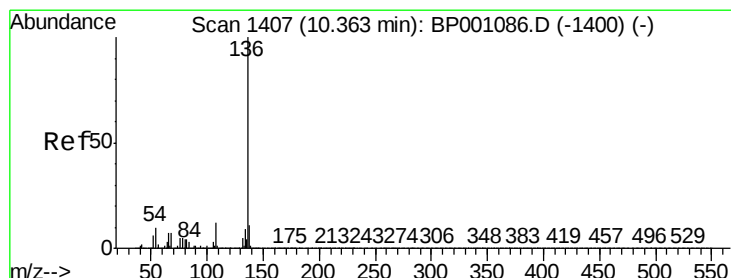
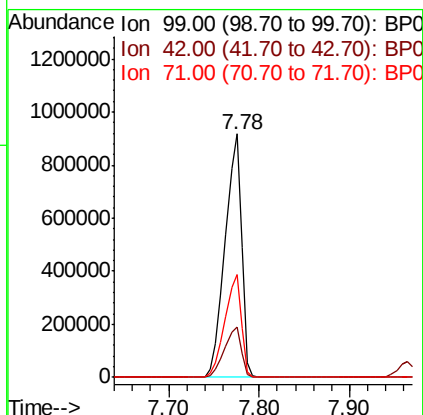
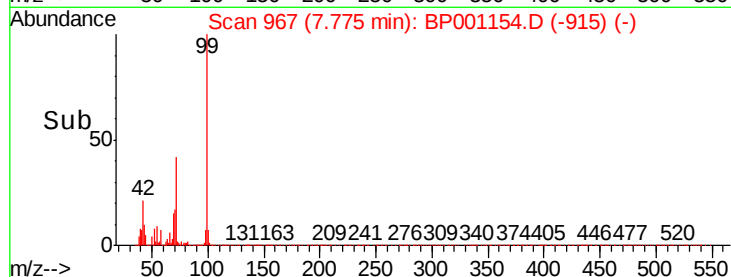
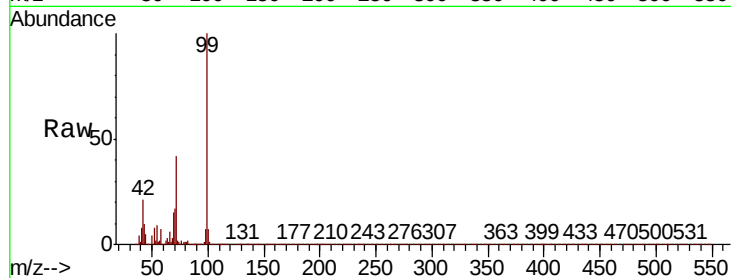
BNA_P

ClientSampleId :

CS-09

Tot Ion: 99 Resp: 1156180

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.4	23.0
71	42.0	30.8	46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

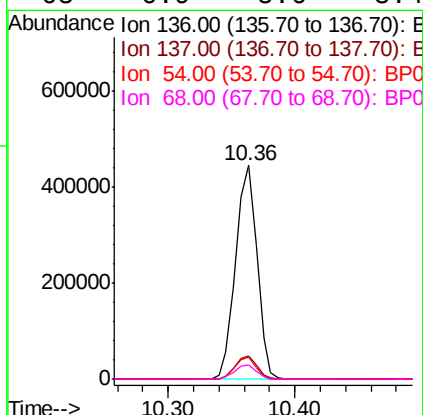
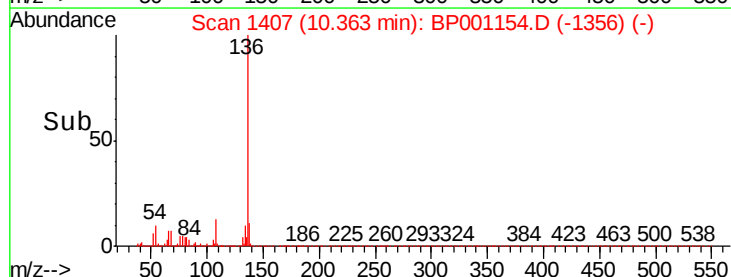
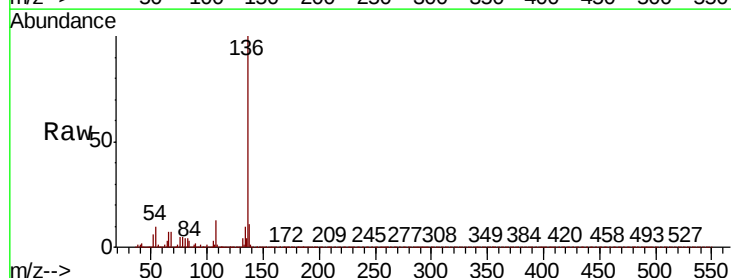
Delta R.T. 0.00 min

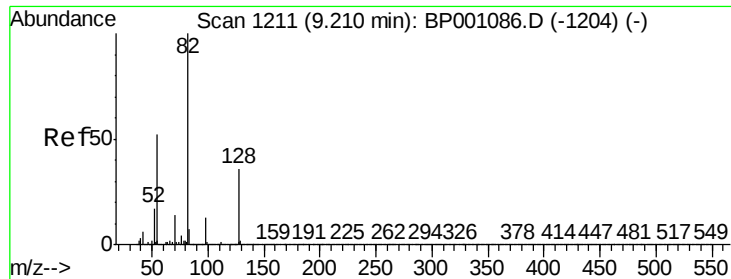
Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Tgt Ion: 136 Resp: 516510

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.0	7.9	11.9
68	6.9	5.6	8.4

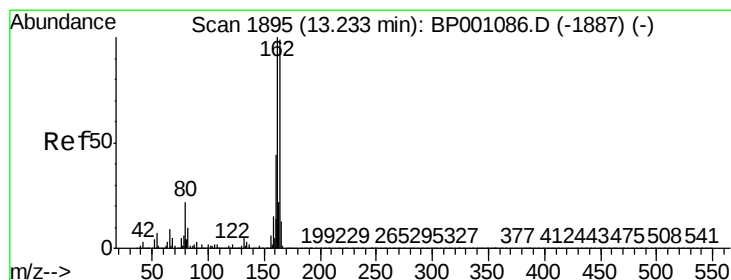
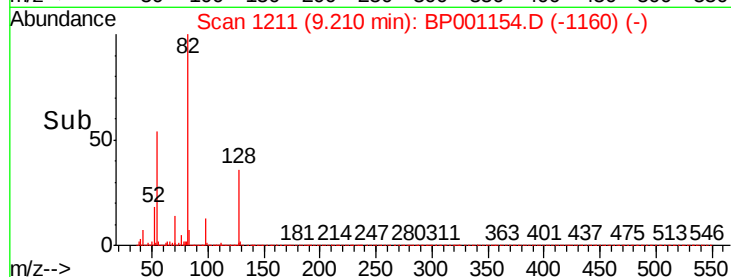
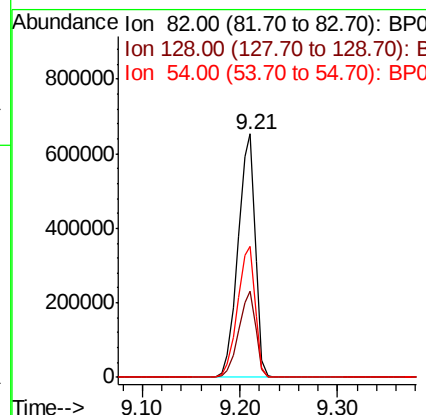
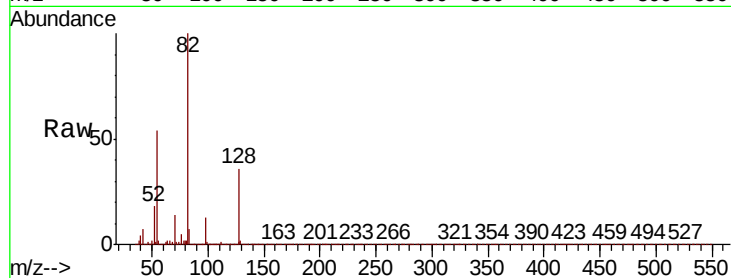




#23
 Nitrobenzene-d5
 Concen: 67.012 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001154.D
 Acq: 03 Dec 2019 06:59

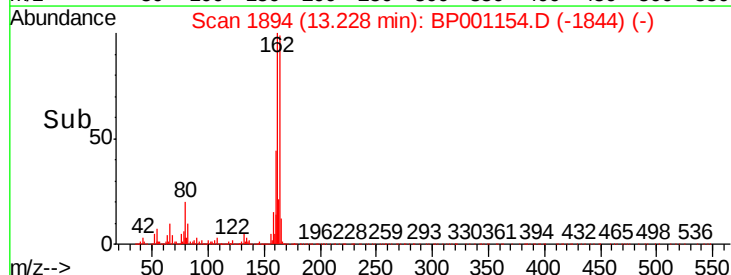
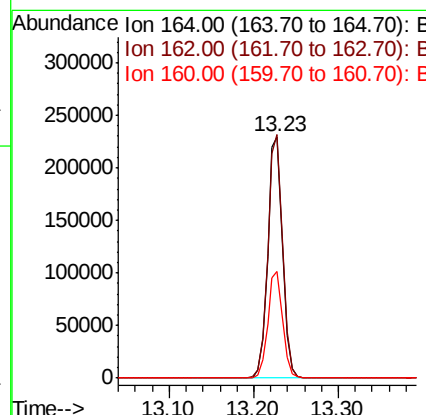
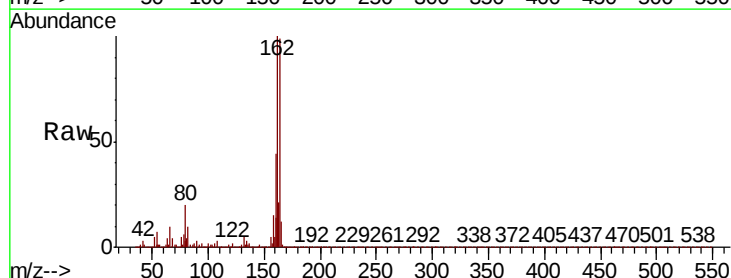
Instrument :
 BNA_P
 ClientSampleId :
 CS-09

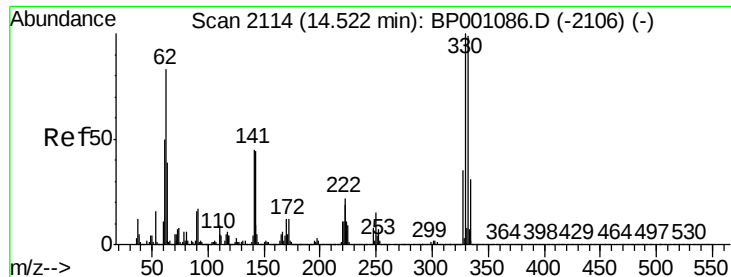
Tot Ion	82	Resp	797784
Ion Ratio	Lower	Upper	
82	100		
128	35.6	28.9	43.3
54	54.0	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001154.D
 Acq: 03 Dec 2019 06:59

Tgt Ion	164	Resp	282687
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.6	120.8
160	44.1	35.4	53.2

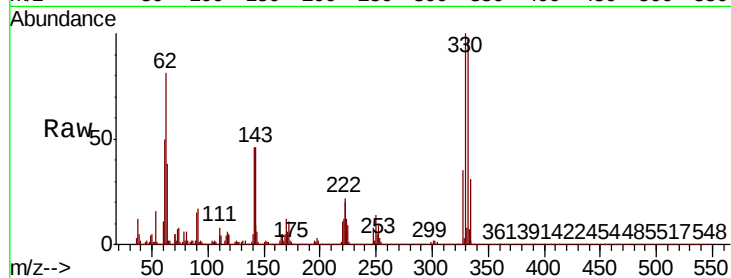




#42
2,4,6-Tribromophenol
Concen: 66.986 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Instrument :
BNA_P
ClientSampleId :
CS-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	43.5	34.2	51.2

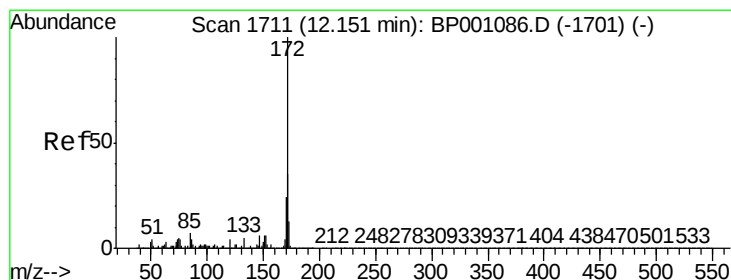
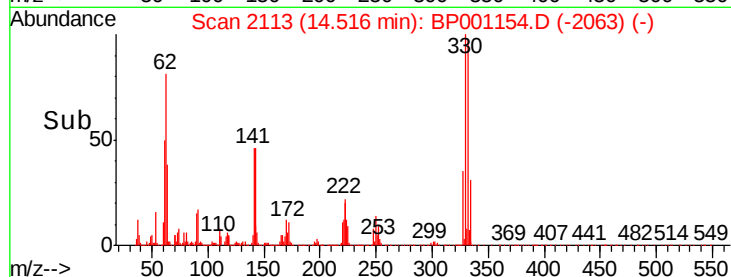
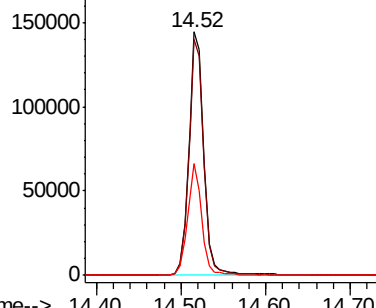


Abundance

Ion 329.80 (329.50 to 330.50): E

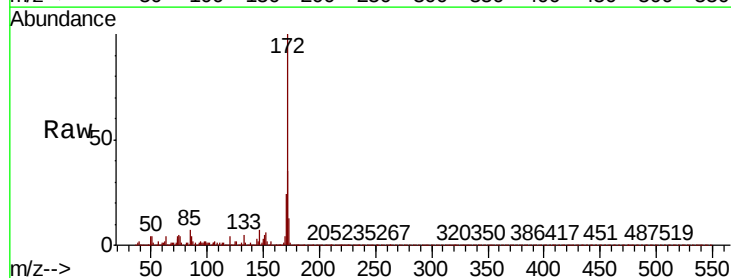
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 68.050 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001154.D
Acq: 03 Dec 2019 06:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.6	19.0	28.4

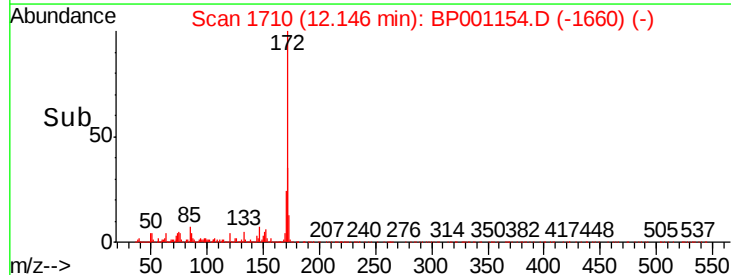
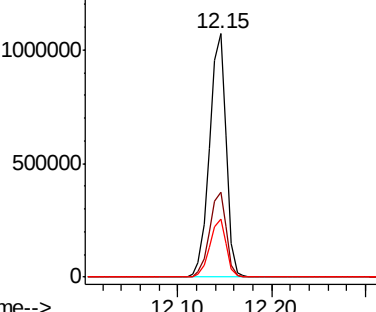


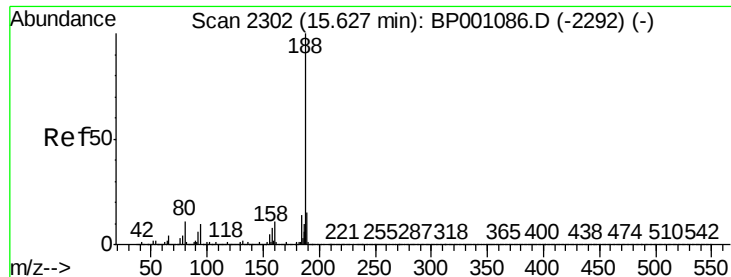
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

BNA_P

ClientSampleId :

CS-09

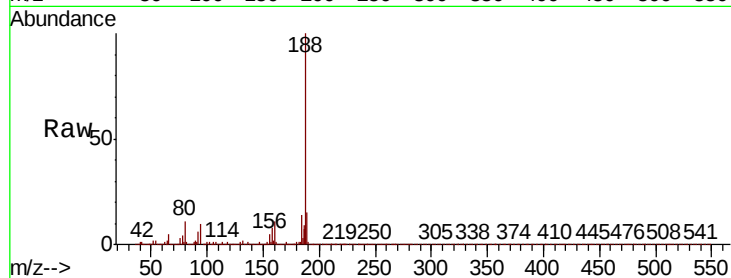
Tot Ion:188 Resp: 528442

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

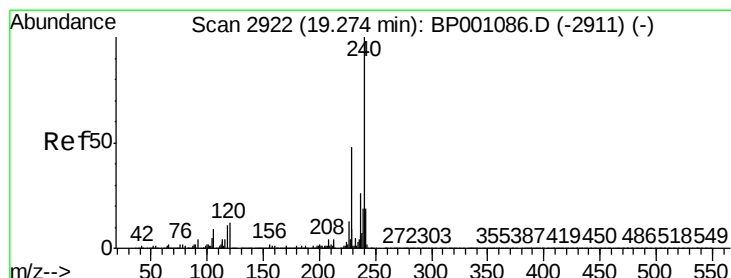
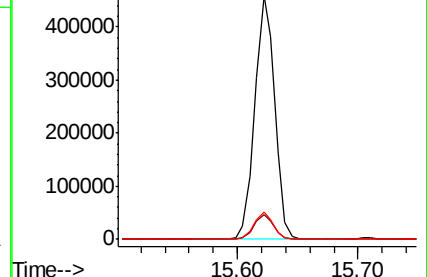
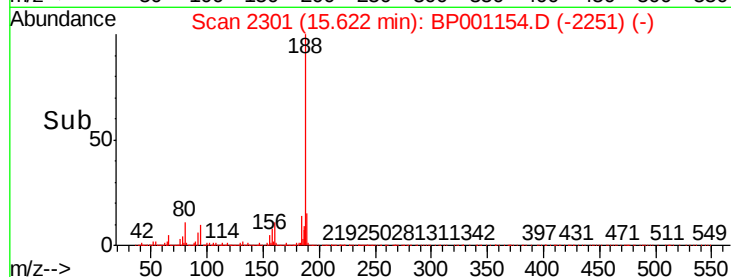
80 11.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

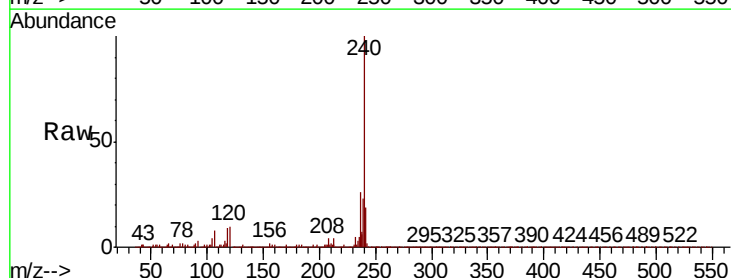
Tgt Ion:240 Resp: 415788

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

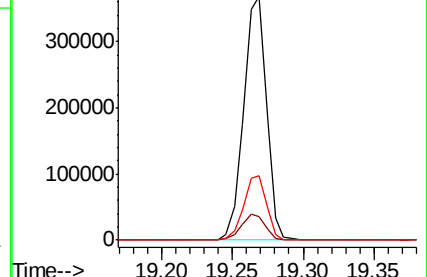
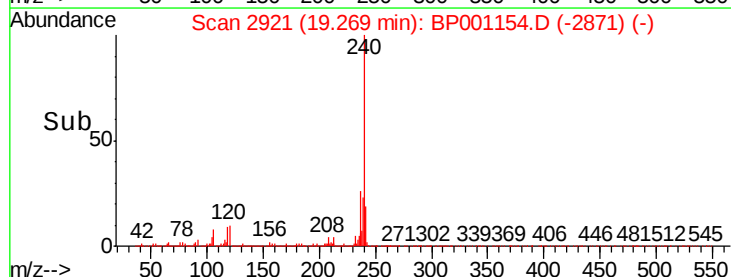
236 26.5 20.4 30.6

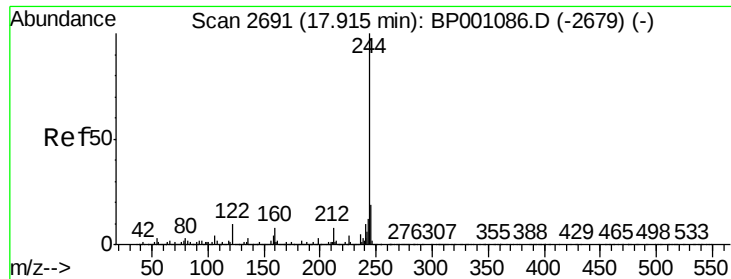


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.208 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

Instrument :

BNA_P

ClientSampleId :

CS-09

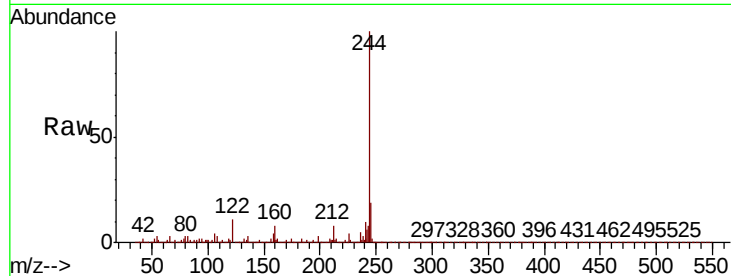
Tot Ion:244 Resp: 1487951

Ion Ratio Lower Upper

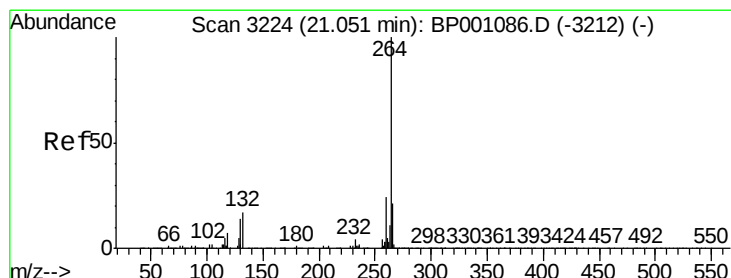
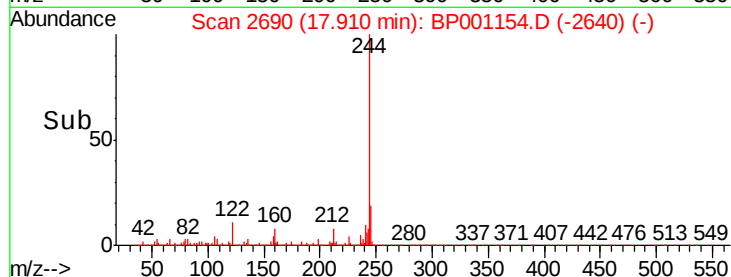
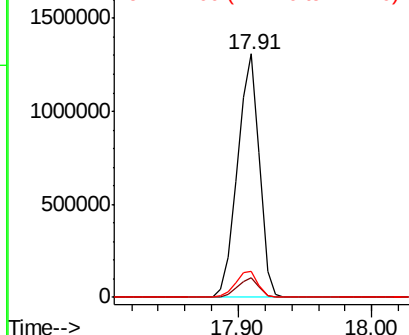
244 100

212 7.9 6.2 9.2

122 10.5 8.2 12.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001154.D

Acq: 03 Dec 2019 06:59

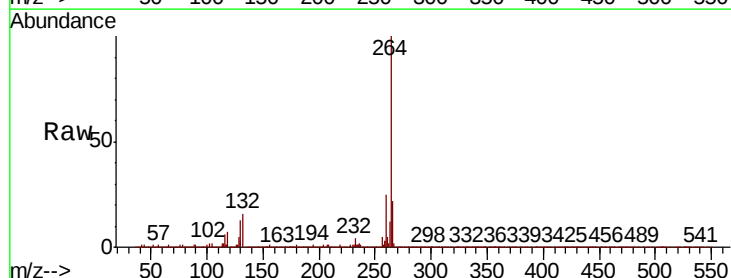
Tgt Ion:264 Resp: 467594

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 22.0 16.9 25.3



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

