

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001105.D
 Acq On : 28 Nov 2019 03:35
 Operator : JU
 Sample : K5959-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Nov 28 07:35:26 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	179756	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	694440	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	410653	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	779414	20.00	ng	0.00
76) Chrysene-d12	19.26	240	495362	20.00	ng	-0.01
87) Perylene-d12	21.05	264	515016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1090330	100.63	ng	0.00
7) Phenol-d6	7.77	99	999249	69.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	1523406	95.18	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	572490	145.45	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2594725	92.48	ng	0.00
79) Terphenyl-d14	17.91	244	2757898	103.00	ng	0.00

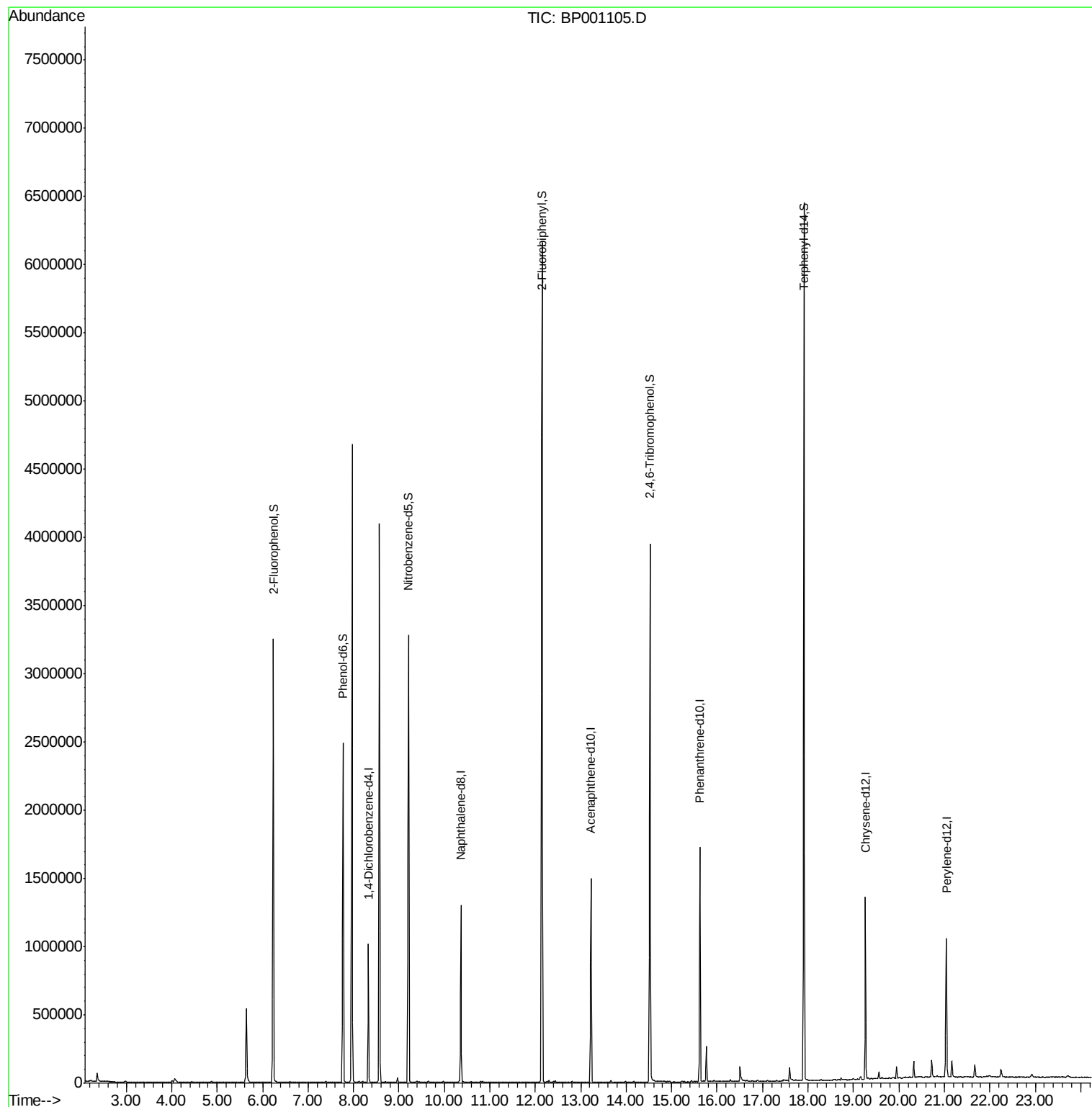
Target Compounds Qvalue

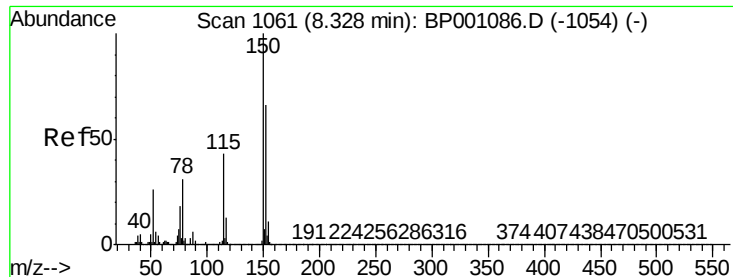
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

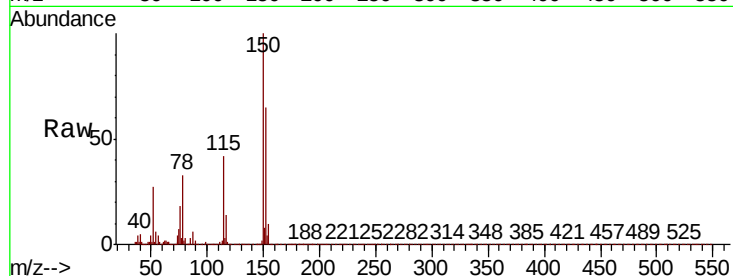
Tot Ion:152 Resp: 179756

Ion Ratio Lower Upper

152 100

150 153.3 120.6 181.0

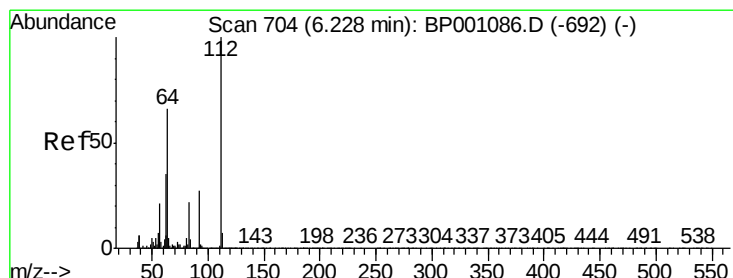
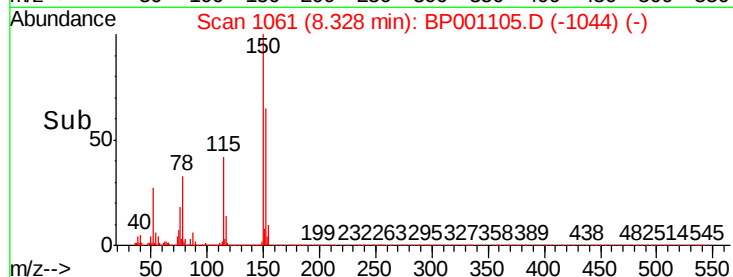
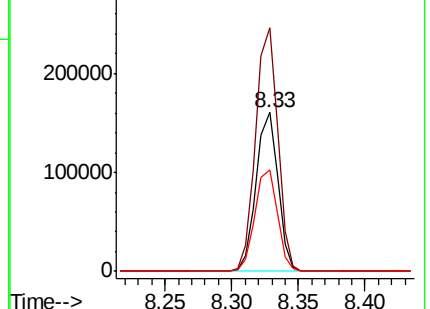
115 63.7 51.6 77.4



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: 100.633 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

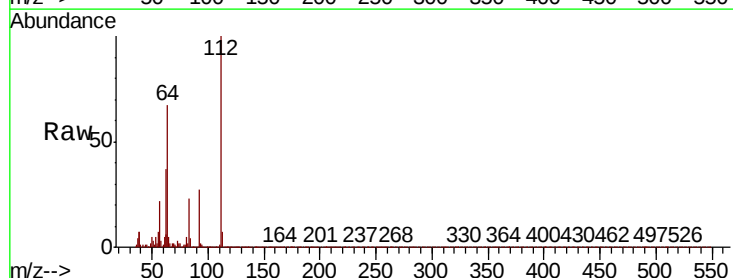
Tgt Ion:112 Resp: 1090330

Ion Ratio Lower Upper

112 100

64 67.3 52.8 79.2

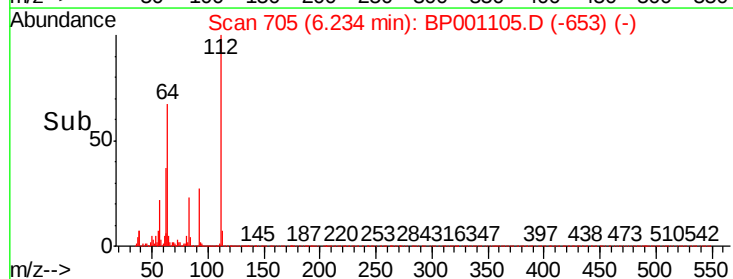
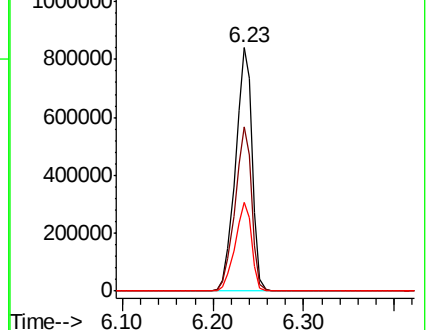
63 36.5 28.2 42.2



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: 69.227 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampled :

FIELD-BLANK

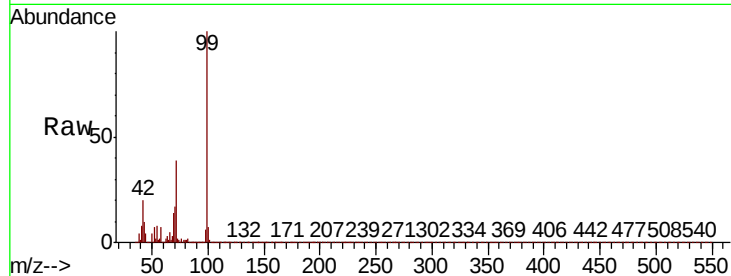
Tot Ion: 99 Resp: 999249

Ion Ratio Lower Upper

99 100

42 19.7 15.4 23.0

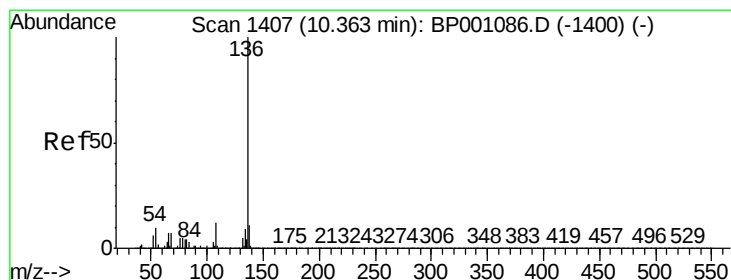
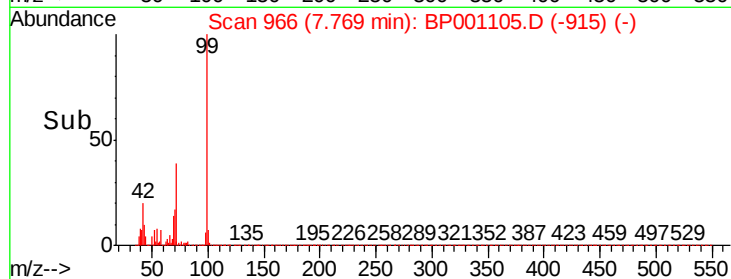
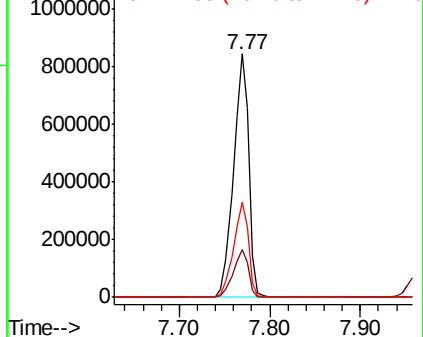
71 39.0 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Tgt Ion: 136 Resp: 694440

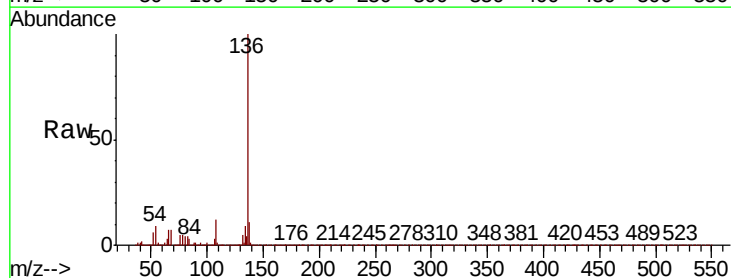
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.0 7.9 11.9

68 6.6 5.6 8.4

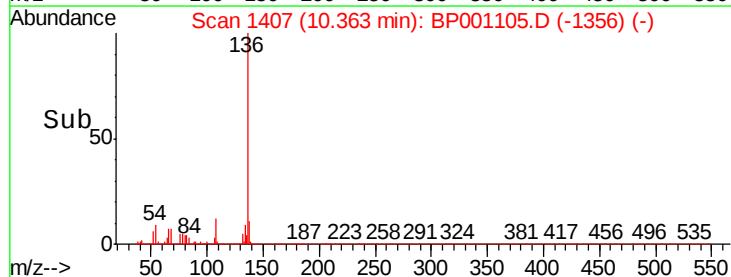
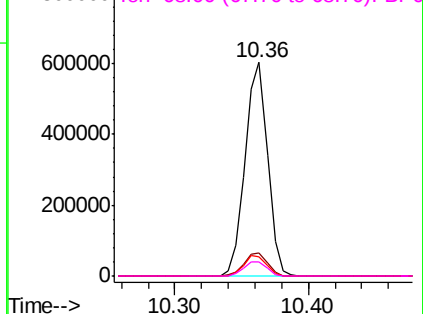


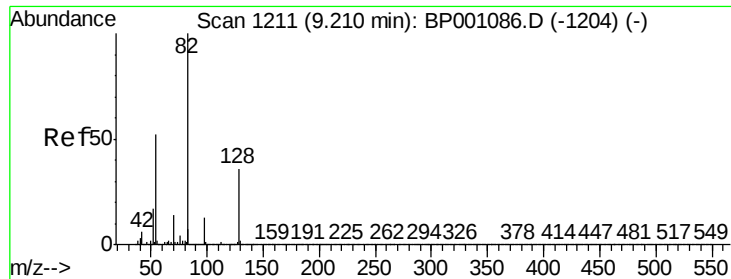
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

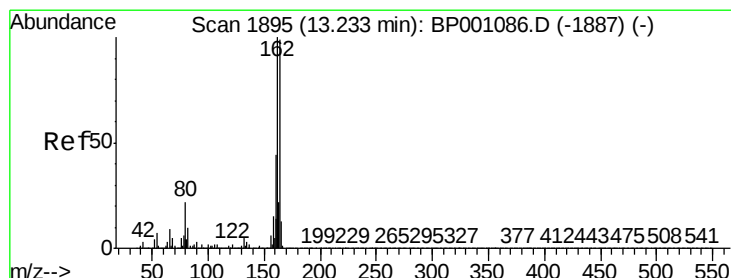
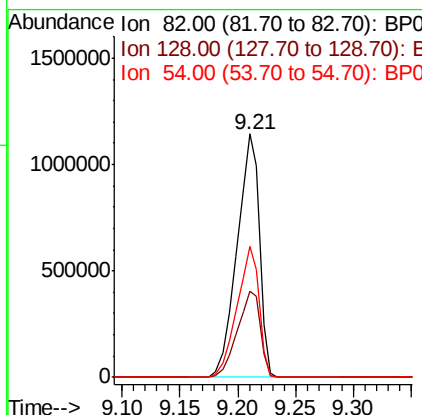
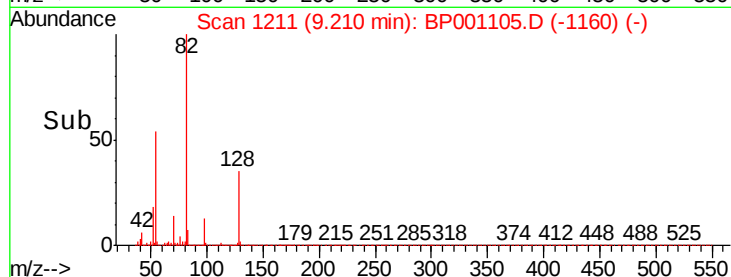
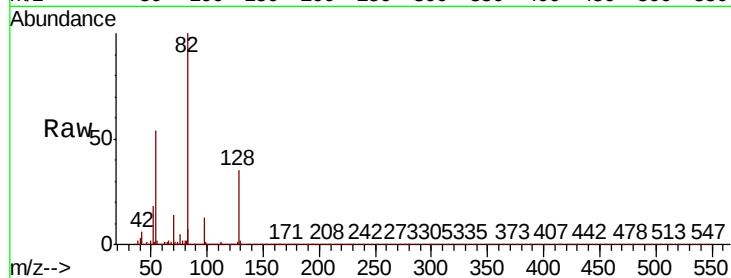




#23
Nitrobenzene-d5
Concen: 95.176 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

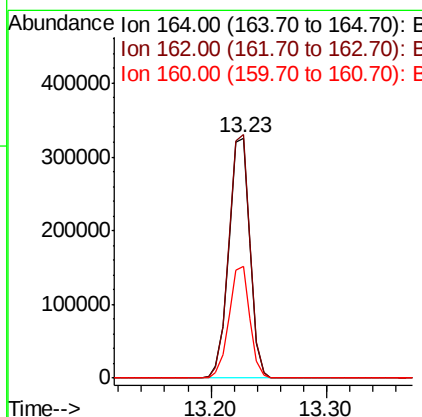
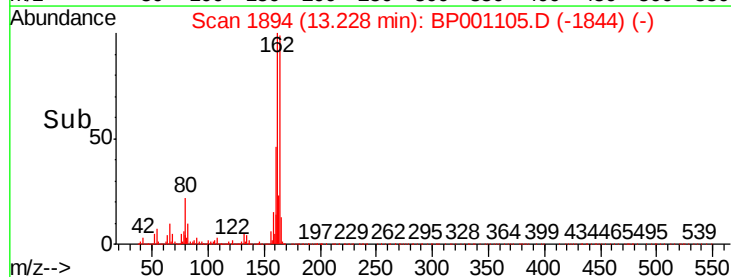
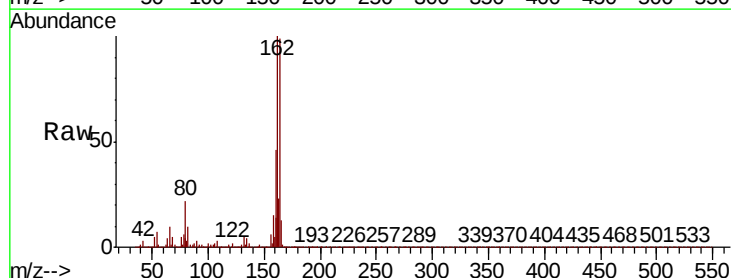
Instrument :
BNA_P
ClientSampleId :
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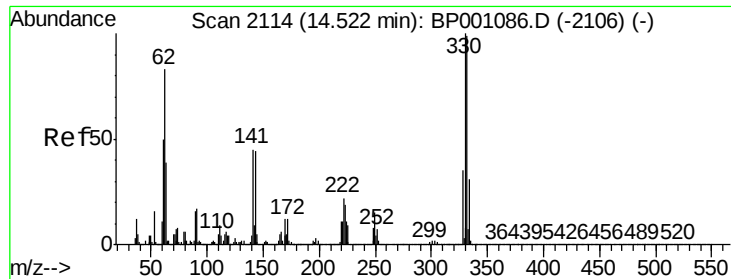
Tot Ion: 82 Resp: 1523406
Ion Ratio Lower Upper
82 100
128 35.3 28.9 43.3
54 53.6 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:164 Resp: 410653
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 46.7 35.4 53.2

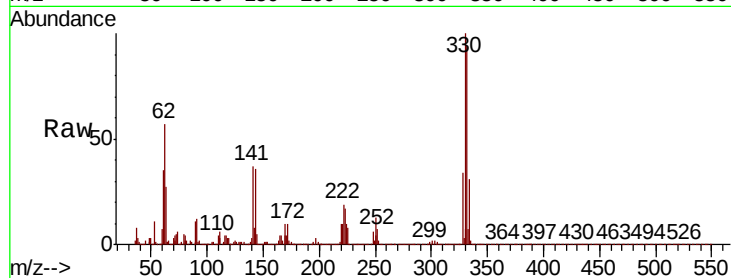




#42
2,4,6-Tribromophenol
Concen: 145.446 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.6	116.4
141	44.0	34.2	51.2

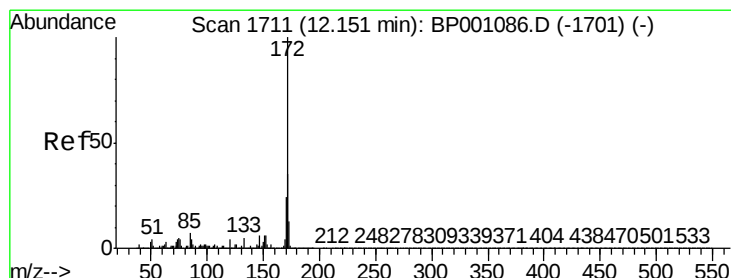
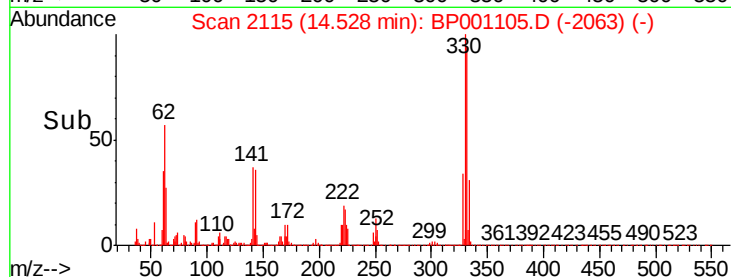
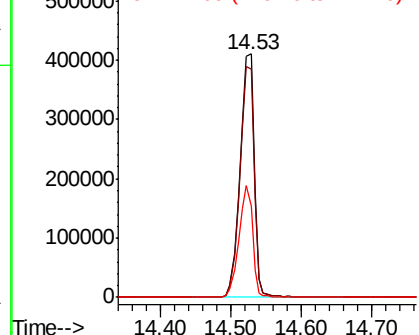


Abundance

Ion 329.80 (329.50 to 330.50): E

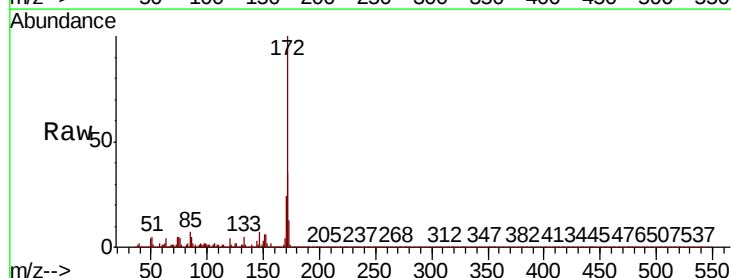
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 92.476 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.0	19.0	28.4

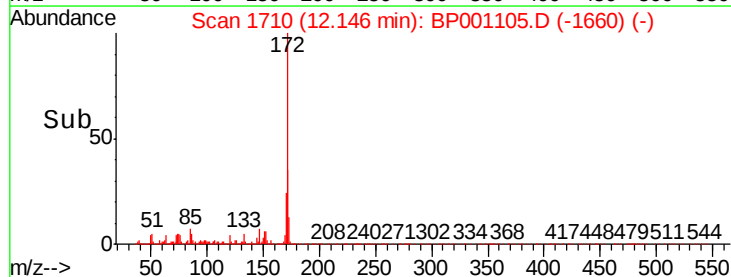
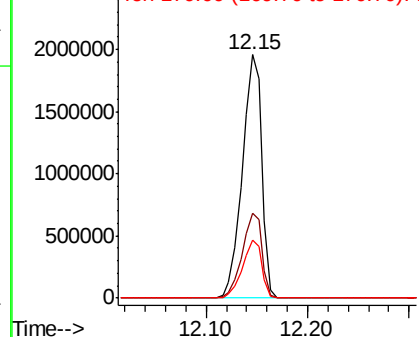


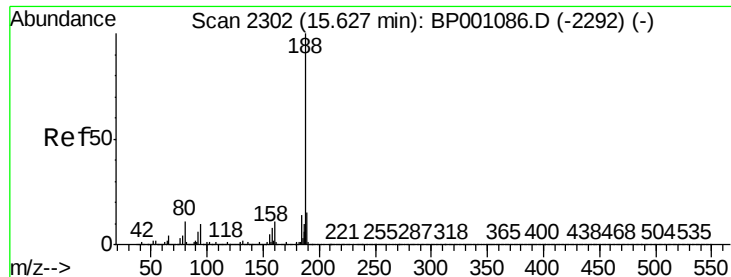
Abundance

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: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampleId :

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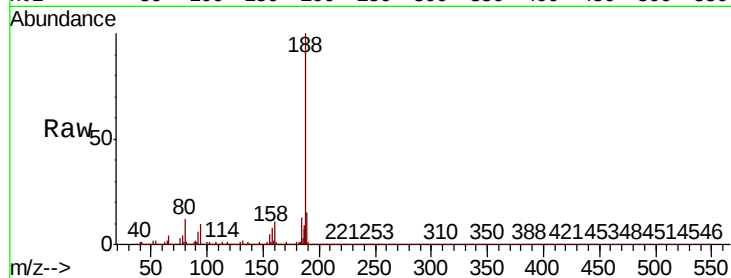
Tot Ion:188 Resp: 779414

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

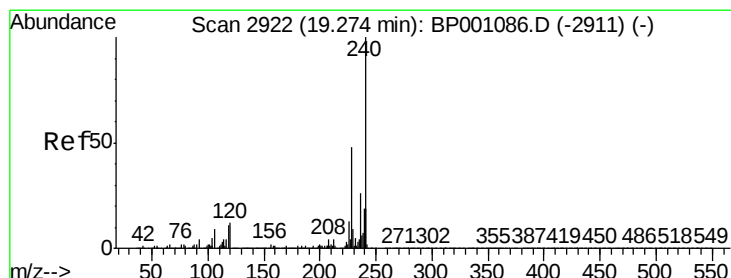
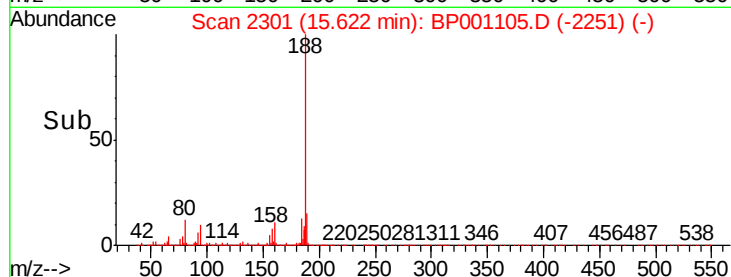
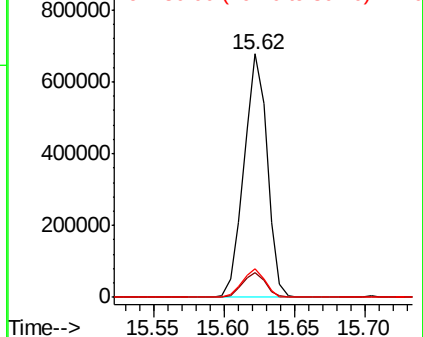
80 11.6 8.8 13.2



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: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

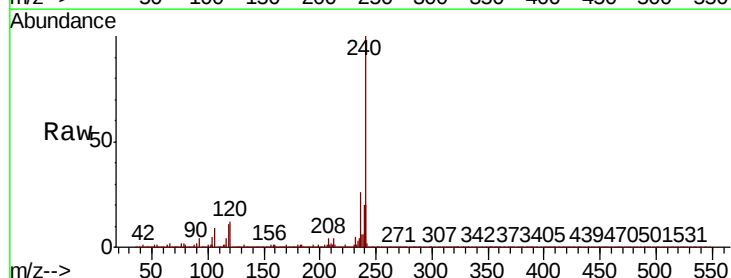
Tgt Ion:240 Resp: 495362

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

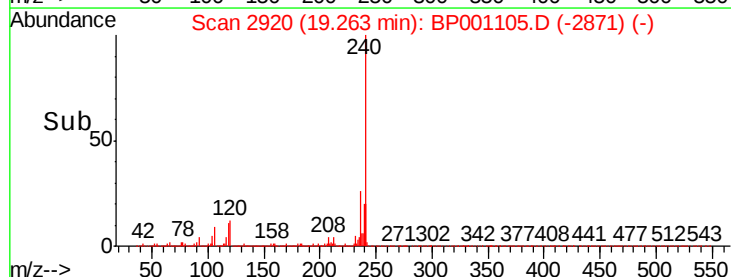
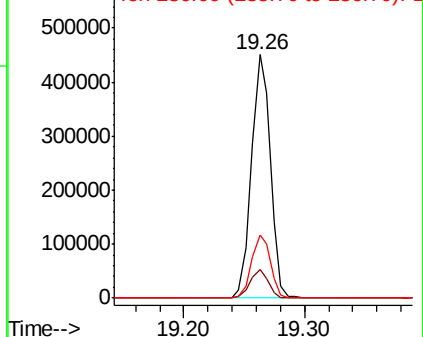
236 26.1 20.4 30.6

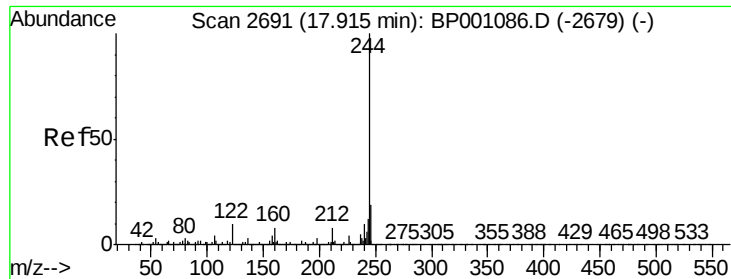


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.003 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001105.D

Acq: 28 Nov 2019 03:35

Instrument :

BNA_P

ClientSampleId :

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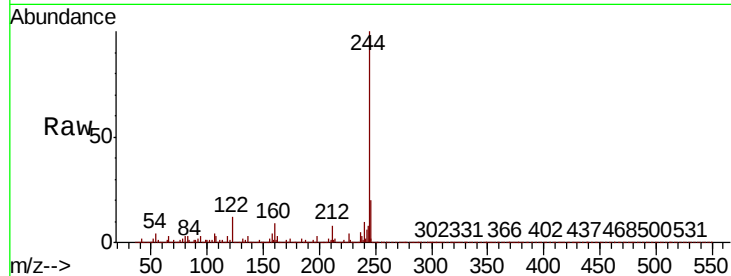
Tot Ion:244 Resp: 2757898

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

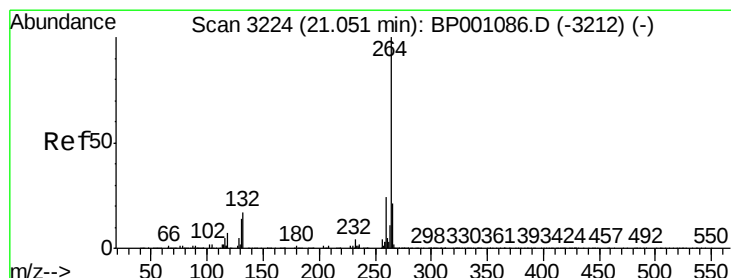
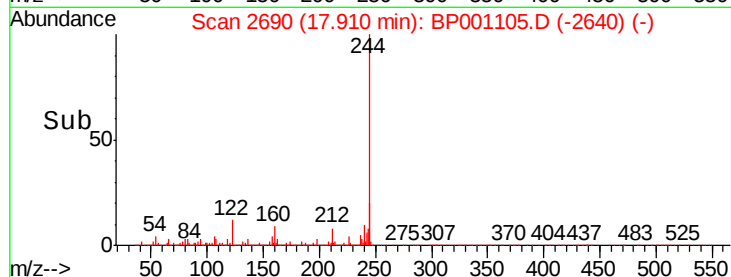
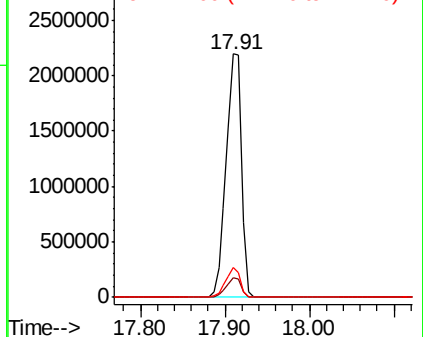
122 12.2 8.2 12.2



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: BP001105.D

Acq: 28 Nov 2019 03:35

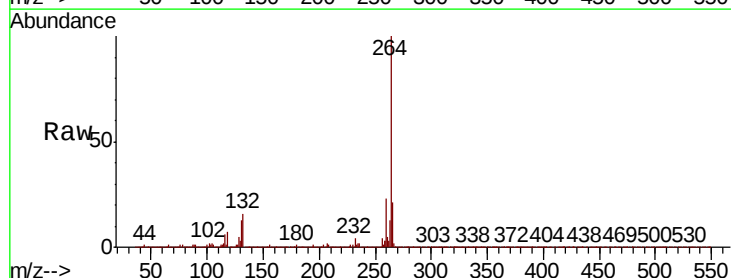
Tgt Ion:264 Resp: 515016

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.4 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

