

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002715.D
 Acq On : 10 Jul 2020 01:19
 Operator : CG/JU
 Sample : L3203-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-10

Quant Time: Jul 10 03:14:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46169	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	215597	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	154205	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	410942	20.00	ng	0.00
76) Chrysene-d12	21.08	240	605634	20.00	ng	-0.01
86) Perylene-d12	23.27	264	837603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	372077	136.45	ng	0.00
7) Phenol-d6	6.77	99	525291	138.02	ng	0.00
23) Nitrobenzene-d5	8.71	82	396532	94.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	334682	178.44	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	986753	94.18	ng	-0.01
79) Terphenyl-d14	19.56	244	2467125	87.93	ng	-0.01

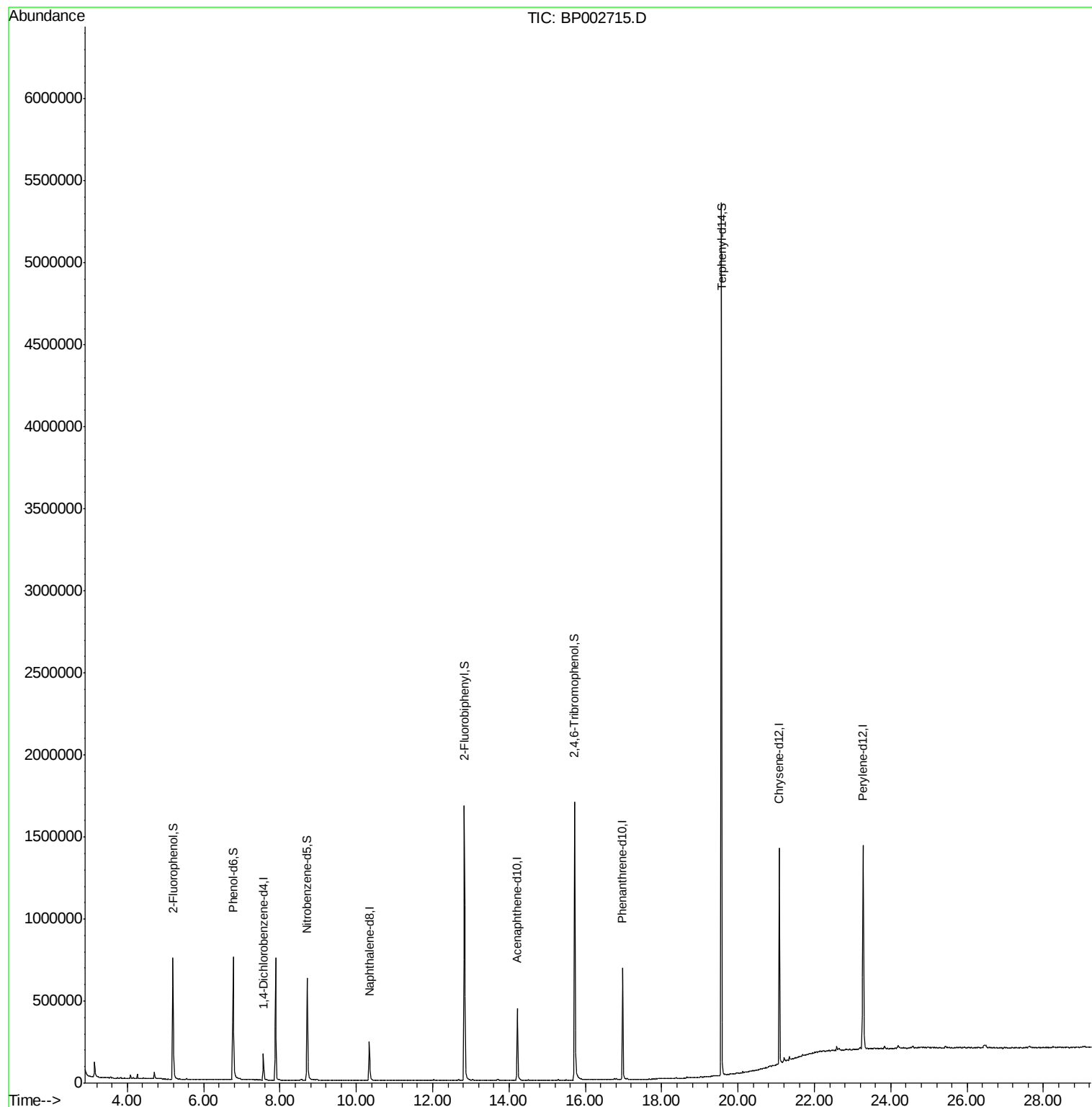
Target Compounds Qvalue

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

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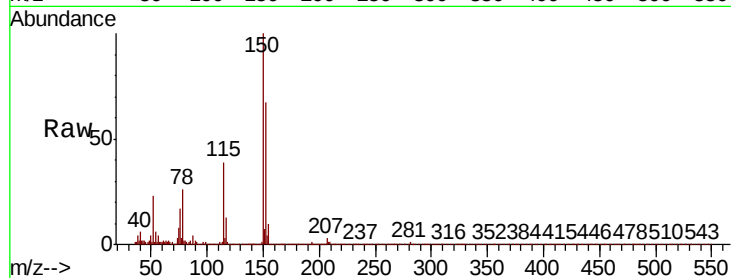


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP002715.D
Acq: 10 Jul 2020 01:19

Instrument :
BNA_P
ClientSampleId :
RO-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.2	186.2
115	58.8	47.1	70.7

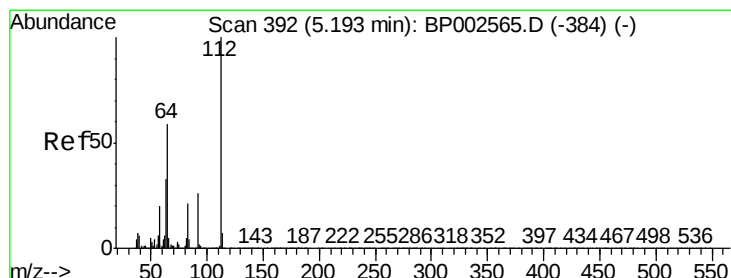
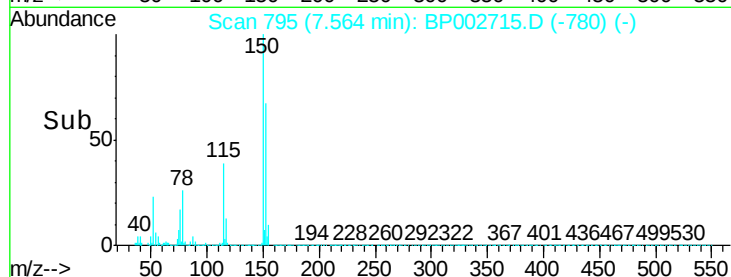
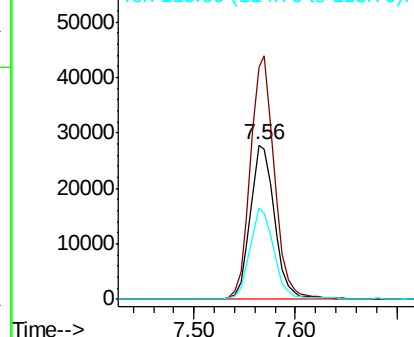


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

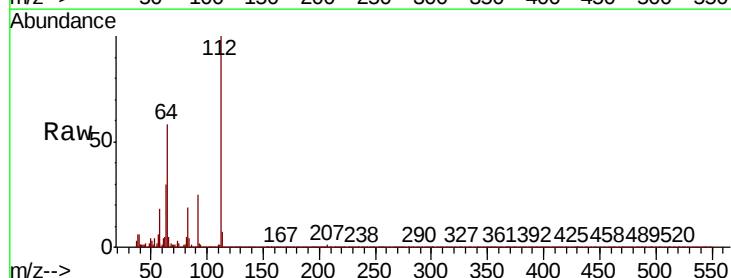
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.448 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002715.D
Acq: 10 Jul 2020 01:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.0	70.6
63	29.9	26.1	39.1

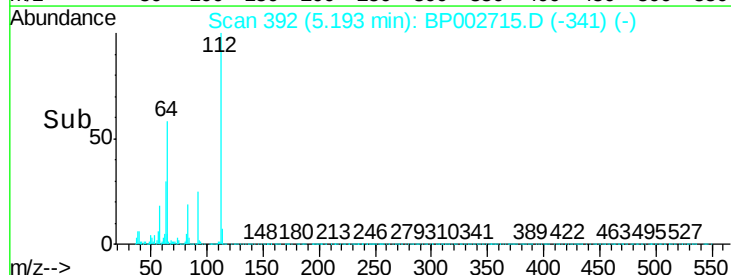
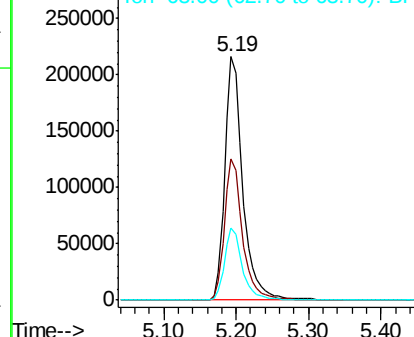


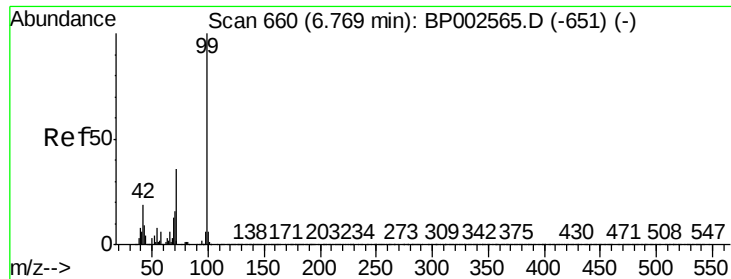
Abundance

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: 138.016 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002715.D

Acq: 10 Jul 2020 01:19

Instrument :

BNA_P

ClientSampleId :

RO-10

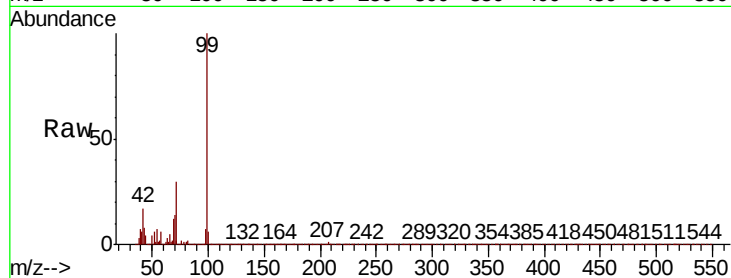
Tot Ion: 99 Resp: 525291

Ion Ratio Lower Upper

99 100

42 17.0 15.5 23.3

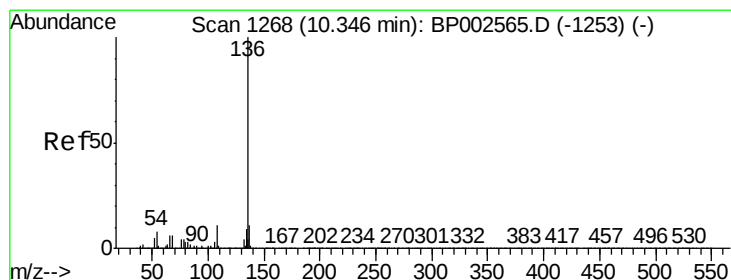
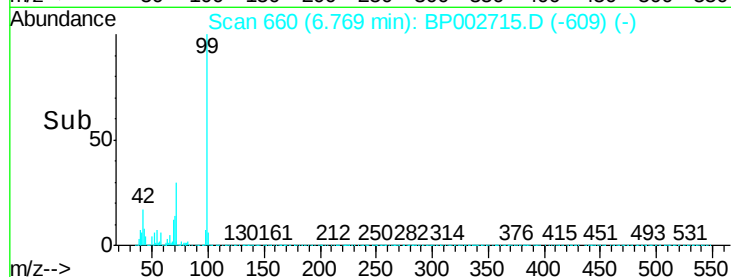
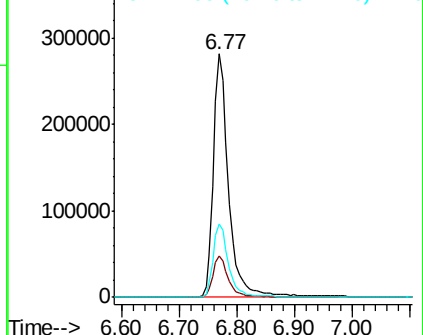
71 30.1 28.9 43.3



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: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002715.D

Acq: 10 Jul 2020 01:19

Tgt Ion: 136 Resp: 215597

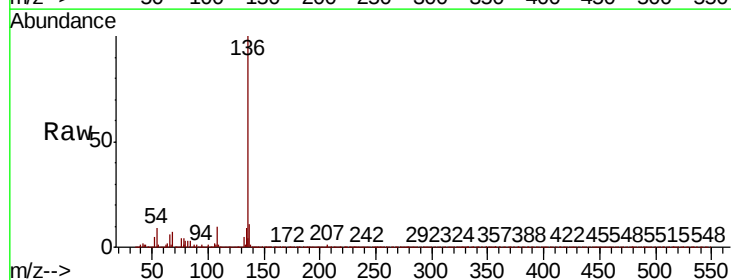
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.6 6.4 9.6

68 7.2 5.1 7.7

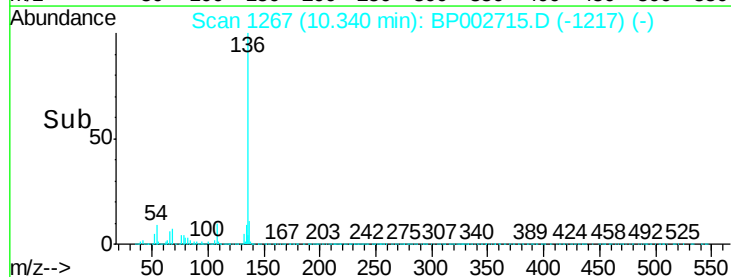
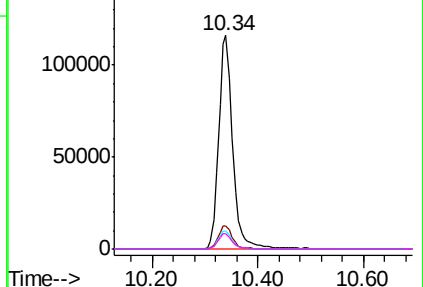


Abundance Ion 136.00 (135.70 to 136.70): E

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

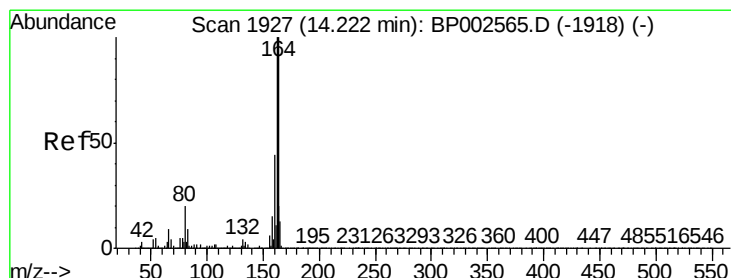
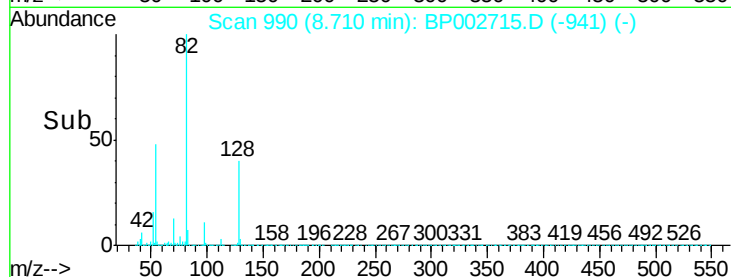
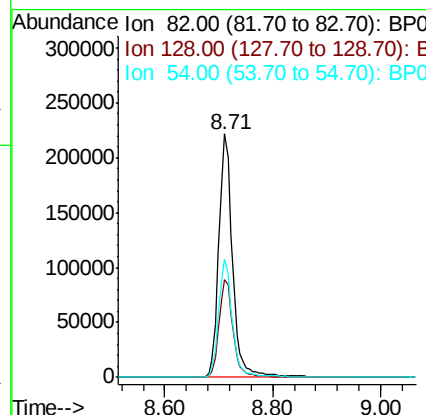
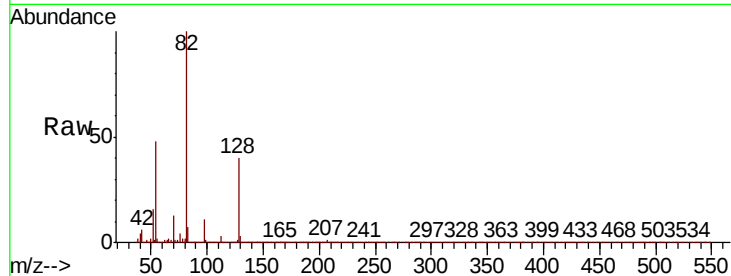




#23
 Nitrobenzene-d5
 Concen: 94.767 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002715.D
 Acq: 10 Jul 2020 01:19

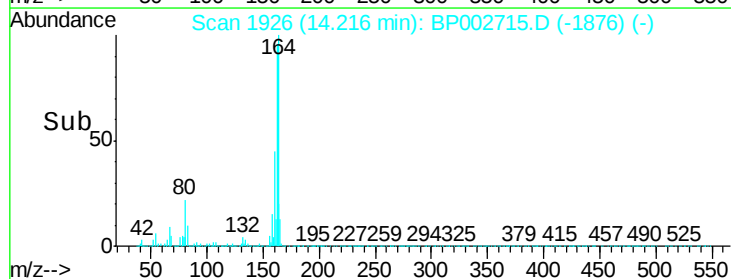
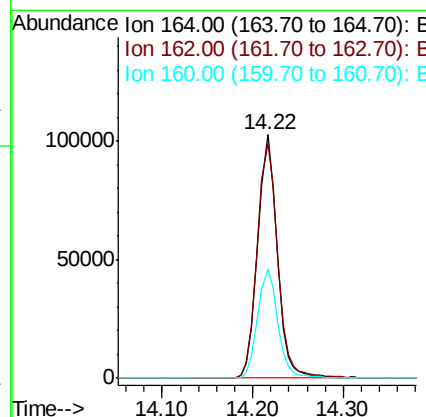
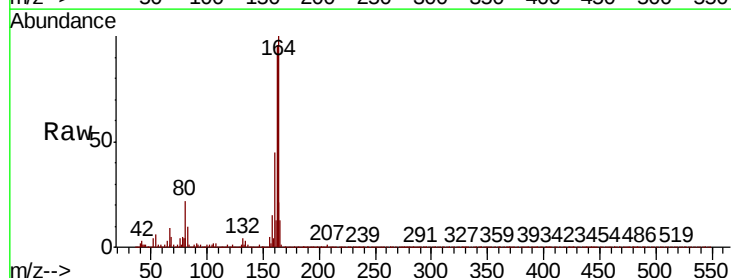
Instrument :
 BNA_P
 ClientSampleId :
 RO-10

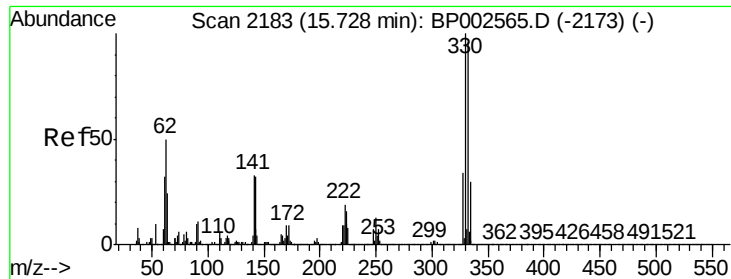
Tot Ion	82	Resp	396532
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.4	50.2
54	48.5	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002715.D
 Acq: 10 Jul 2020 01:19

Tgt Ion	164	Resp	154205
Ion Ratio	Lower	Upper	
164	100		
162	96.2	80.3	120.5
160	44.9	35.0	52.6

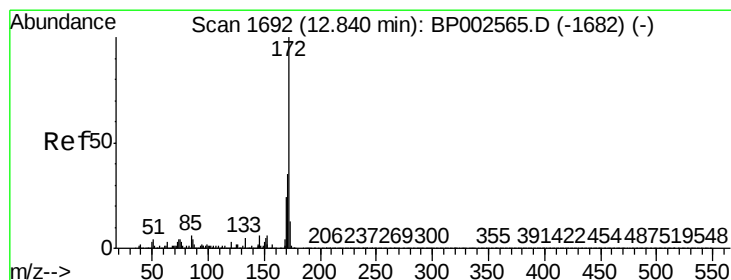
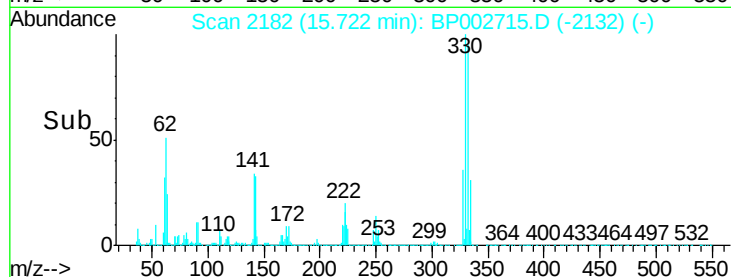
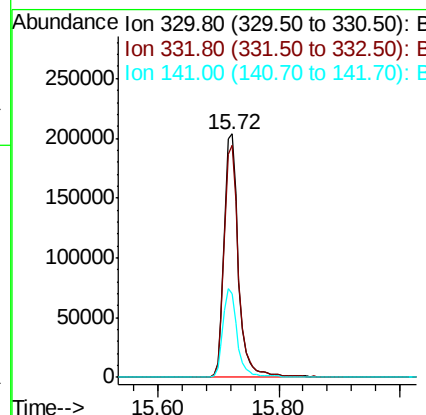
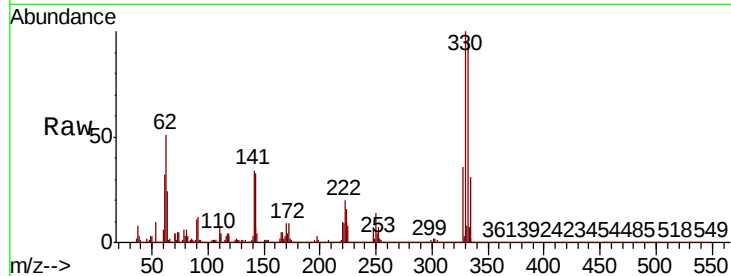




#42
 2,4,6-Tribromophenol
 Concen: 178.443 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002715.D
 Acq: 10 Jul 2020 01:19

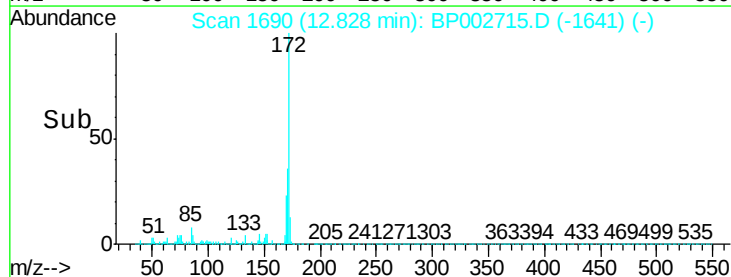
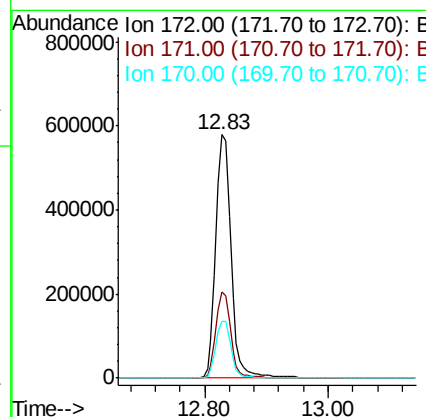
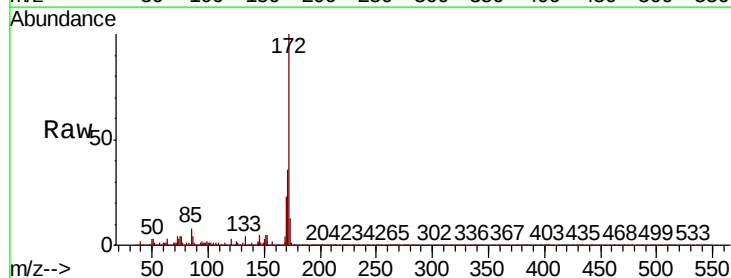
Instrument :
 BNA_P
 ClientSampled :
 RO-10

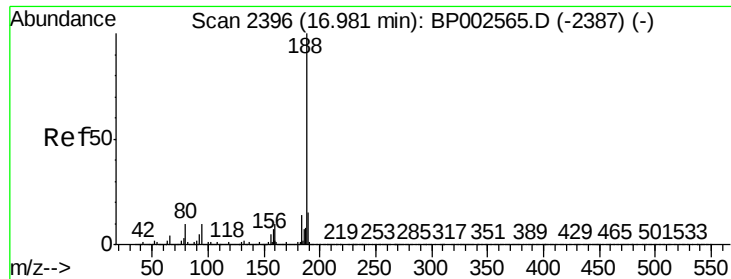
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	36.5	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 94.182 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP002715.D
 Acq: 10 Jul 2020 01:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	23.5	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002715.D

Acq: 10 Jul 2020 01:19

Instrument :

BNA_P

ClientSampleId :

RO-10

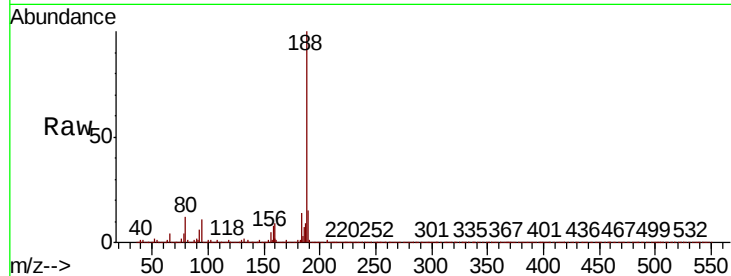
Tot Ion:188 Resp: 410942

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

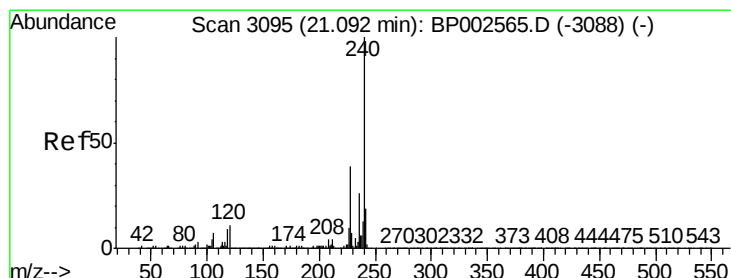
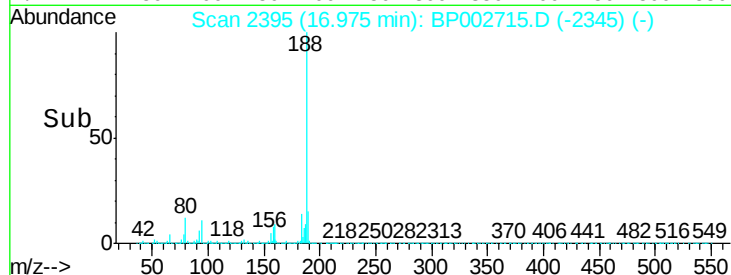
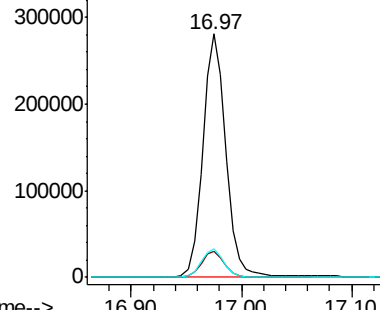
80 11.7 8.2 12.4



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: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002715.D

Acq: 10 Jul 2020 01:19

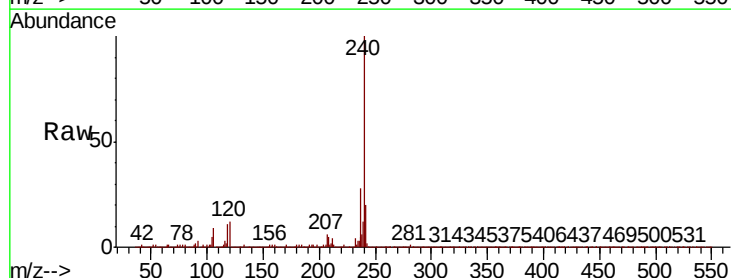
Tgt Ion:240 Resp: 605634

Ion Ratio Lower Upper

240 100

120 12.5 8.6 13.0

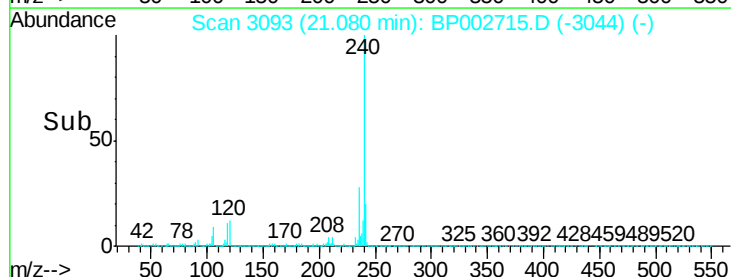
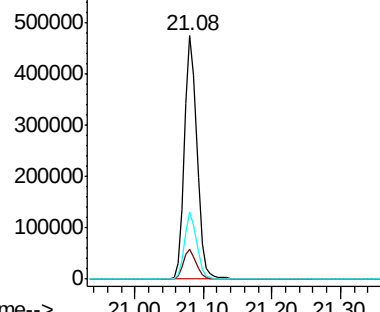
236 27.6 20.8 31.2

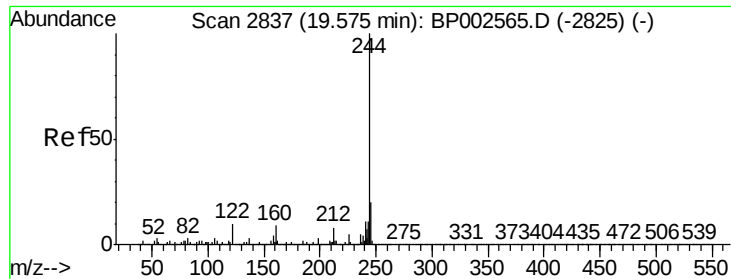


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.929 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002715.D

Acq: 10 Jul 2020 01:19

Instrument :

BNA_P

ClientSampled :

RO-10

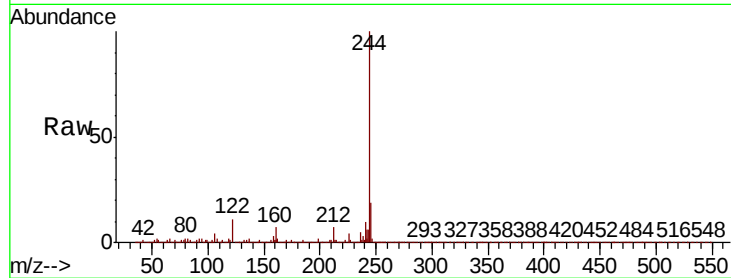
Tot Ion:244 Resp: 2467125

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

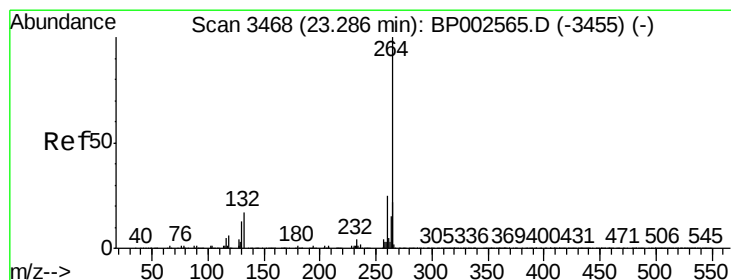
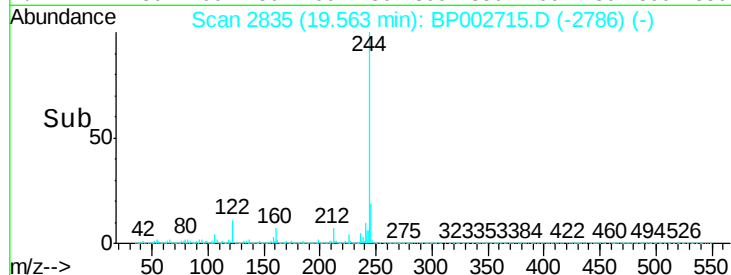
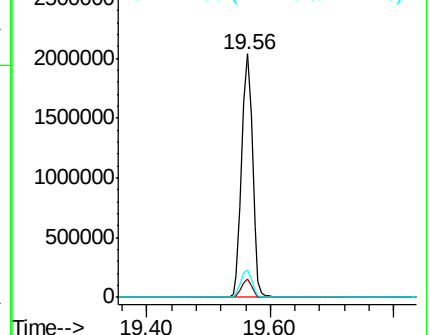
122 11.1 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BP002715.D

Acq: 10 Jul 2020 01:19

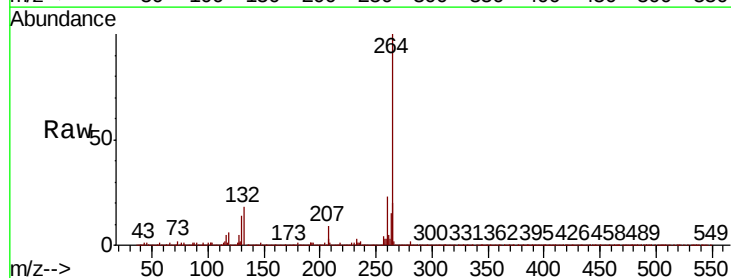
Tgt Ion:264 Resp: 837603

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

265 20.4 17.6 26.4



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

