

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002805.D
 Acq On : 20 Jul 2020 17:45
 Operator : CG/JU
 Sample : L3323-03 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 223-224

Quant Time: Jul 20 18:42:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	156554	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	664385	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	411448	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	864472	20.00	ng	0.00
76) Chrysene-d12	21.07	240	815625	20.00	ng	0.00
86) Perylene-d12	23.26	264	724828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	37146	4.00	ng	0.00
7) Phenol-d6	6.76	99	30171	2.28	ng	0.00
23) Nitrobenzene-d5	8.70	82	82529	6.64	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	41683	9.71	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	173587	6.53	ng	0.00
79) Terphenyl-d14	19.55	244	271684	7.64	ng	0.00

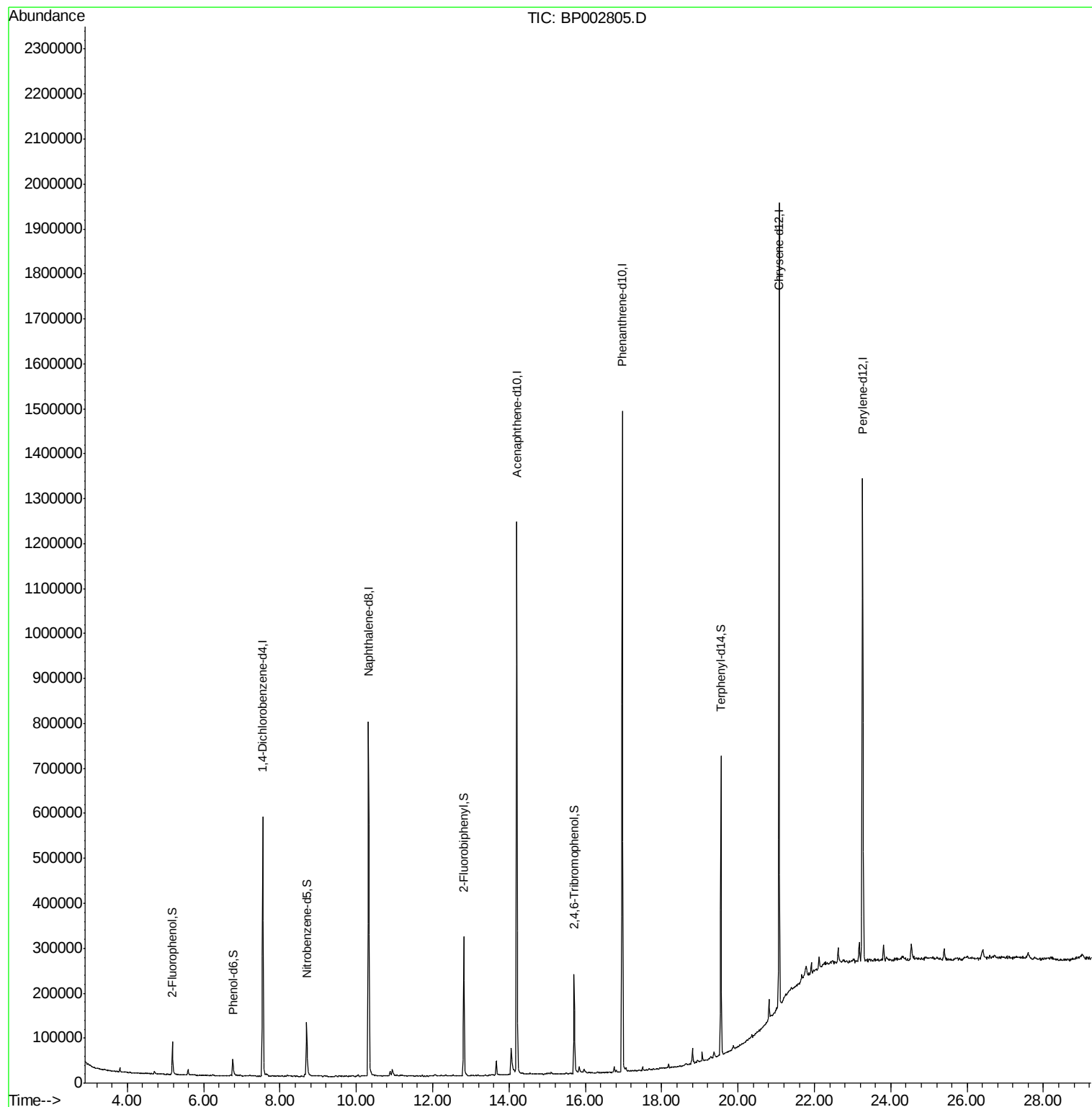
Target Compounds Qvalue

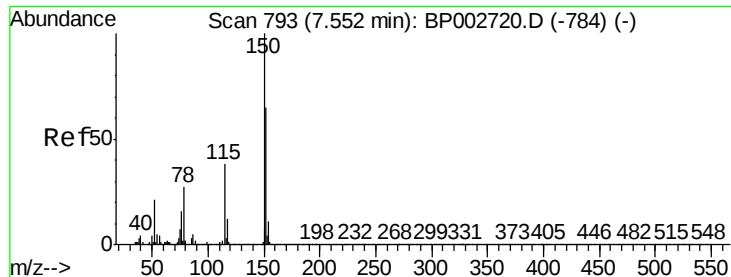
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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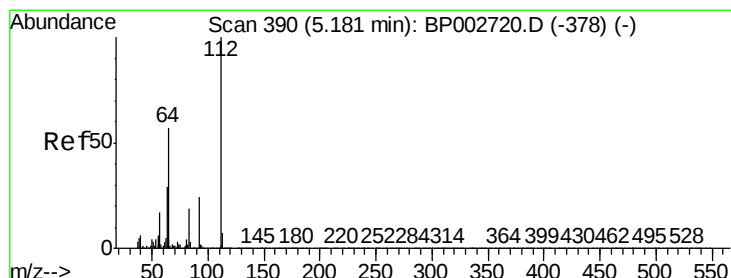
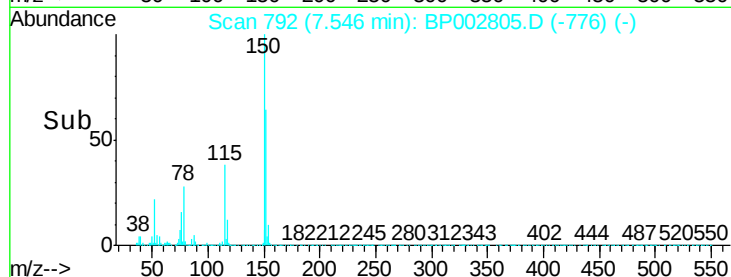
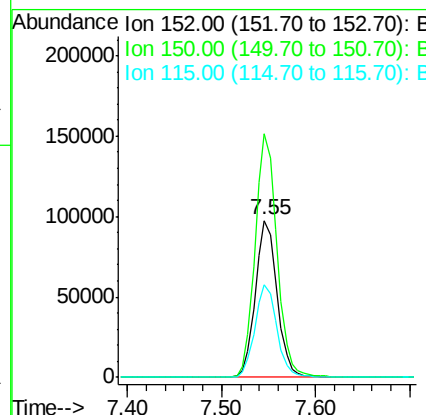
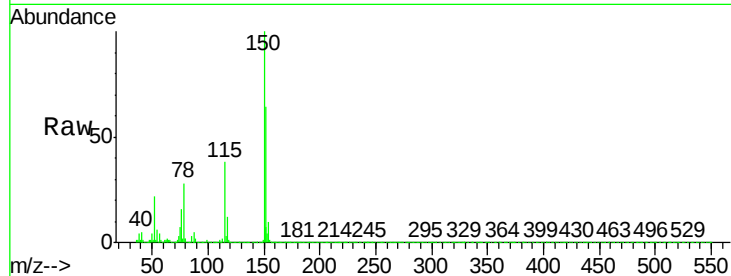


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002805.D
Acq: 20 Jul 2020 17:45

Instrument :
BNA_P
ClientSampleId :
223-224

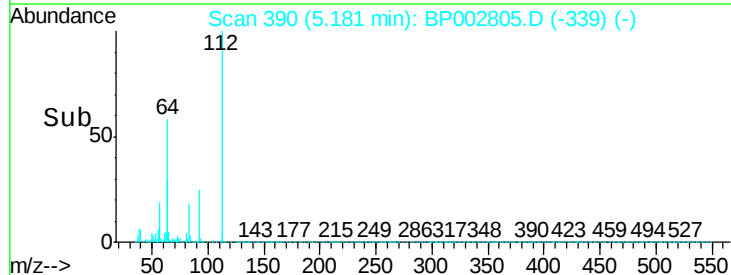
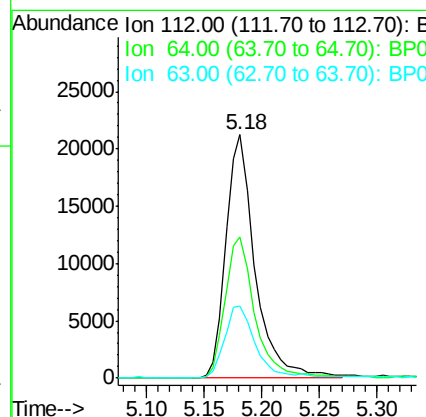
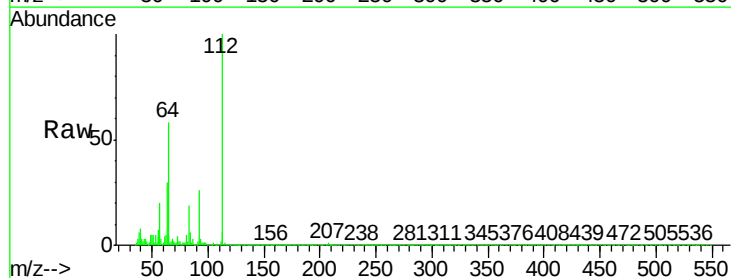
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	59.0	47.2	70.8

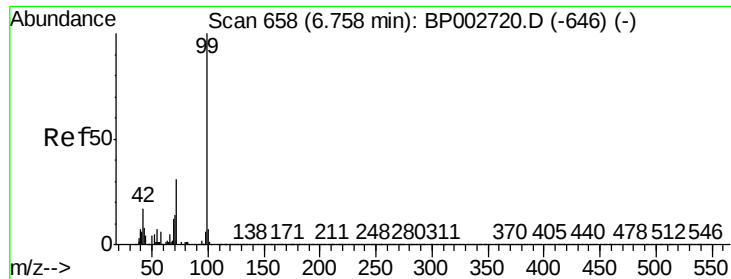


#5

2-Fluorophenol
Concen: 4.003 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002805.D
Acq: 20 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.6	68.4
63	29.8	23.5	35.3





#7

Phenol-d6

Concen: 2.278 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002805.D

Acq: 20 Jul 2020 17:45

Instrument :

BNA_P

ClientSampleId :

223-224

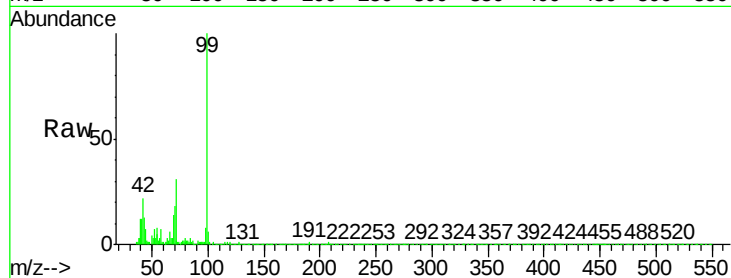
Tot Ion: 99 Resp: 30171

Ion Ratio Lower Upper

99 100

42 21.5 13.4 20.2#

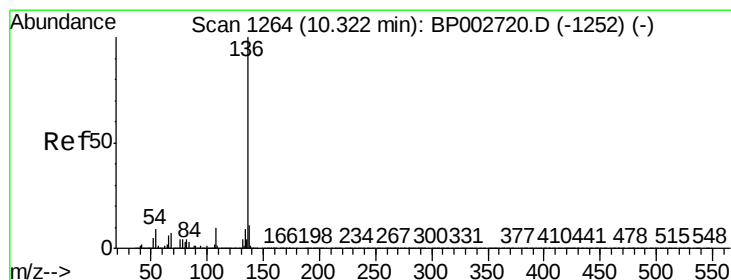
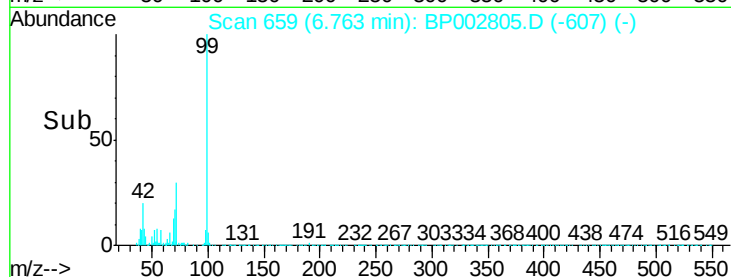
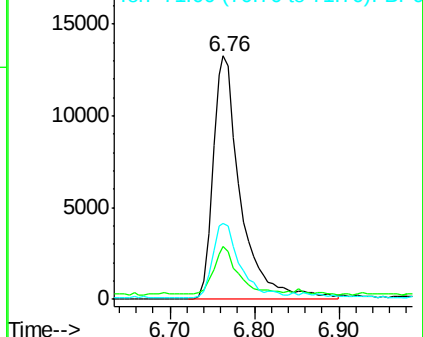
71 31.0 24.6 36.8



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: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002805.D

Acq: 20 Jul 2020 17:45

Tgt Ion: 136 Resp: 664385

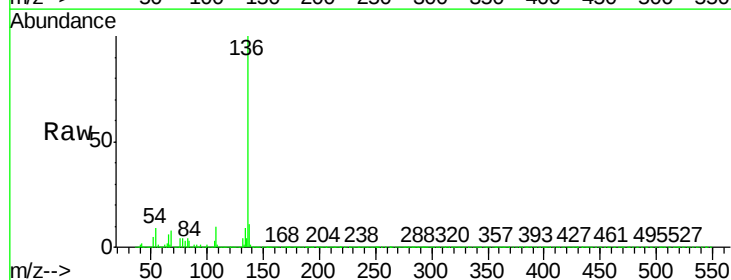
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.0 6.9 10.3

68 7.7 5.7 8.5

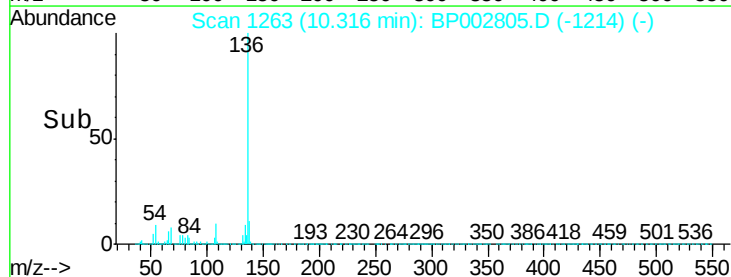
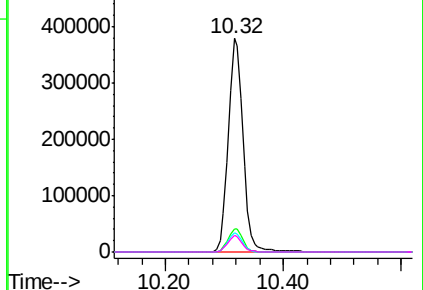


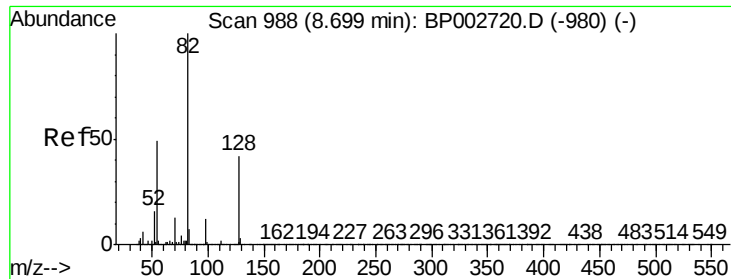
Abundance Ion 136.00 (135.70 to 136.70): E

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

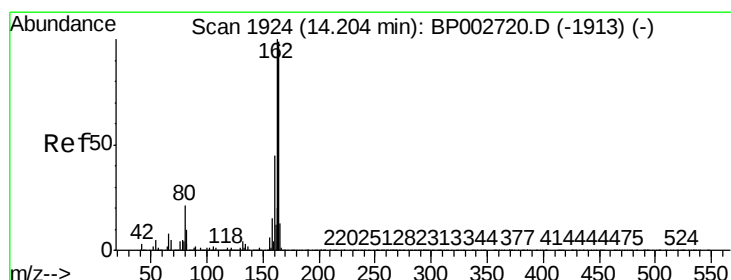
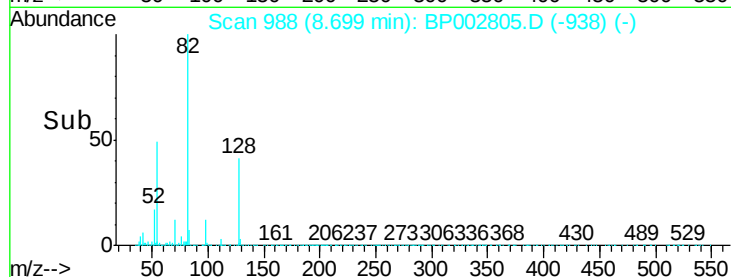
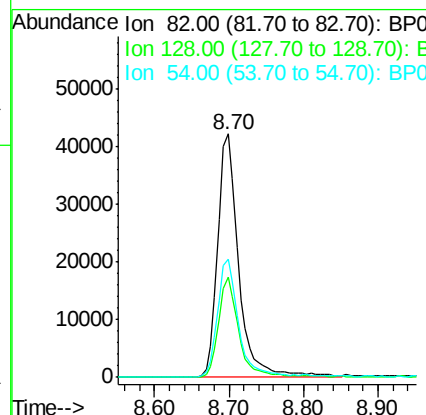
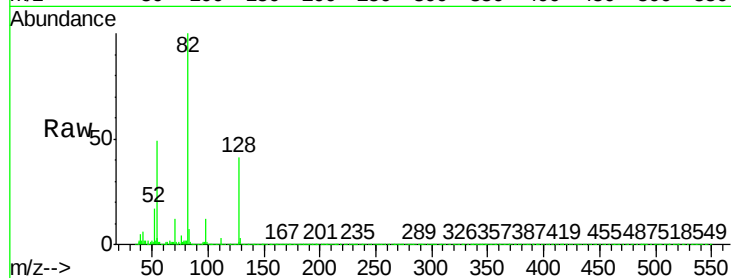




#23
Nitrobenzene-d5
Concen: 6.644 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002805.D
Acq: 20 Jul 2020 17:45

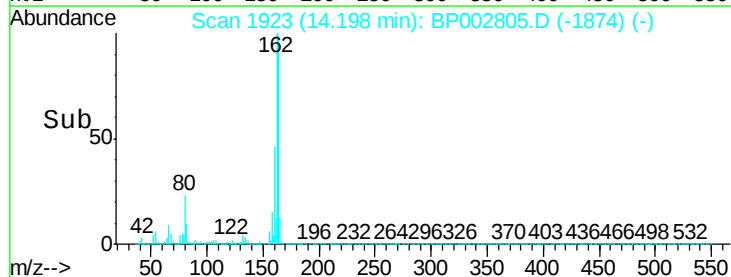
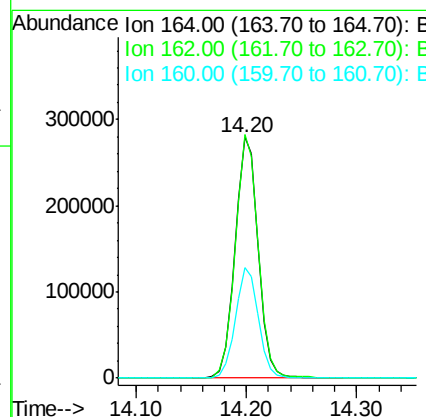
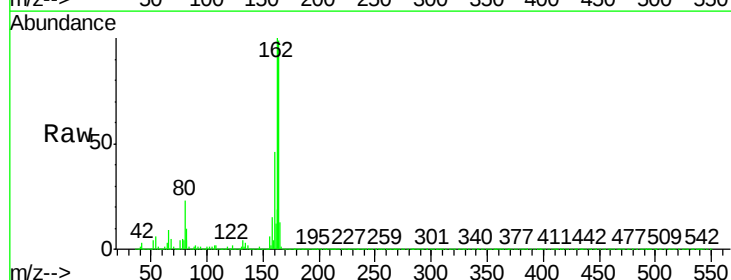
Instrument :
BNA_P
ClientSampled :
223-224

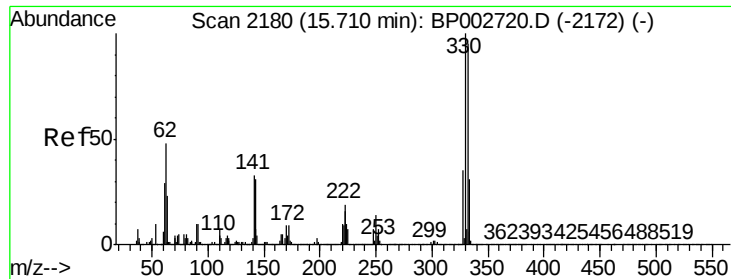
Tot Ion	82	Resp	82529
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.8	50.8
54	48.6	38.8	58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002805.D
Acq: 20 Jul 2020 17:45

Tgt Ion	164	Resp	411448
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.6	121.0
160	46.1	36.4	54.6

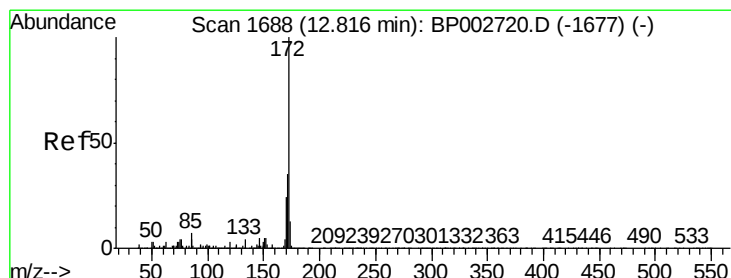
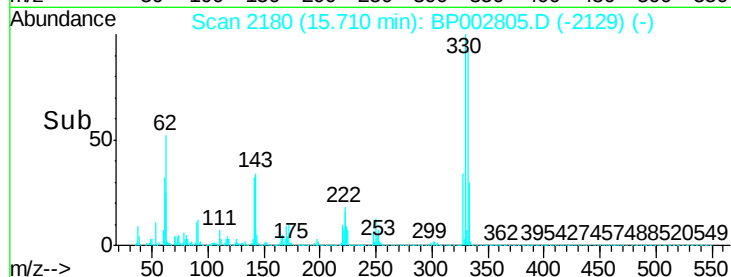
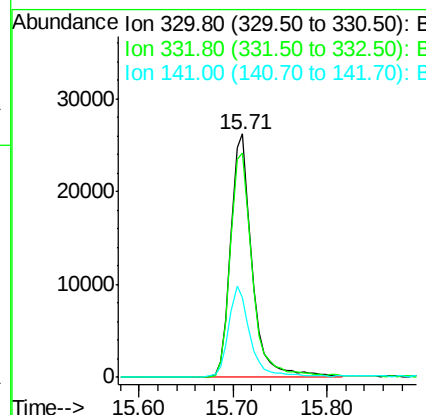
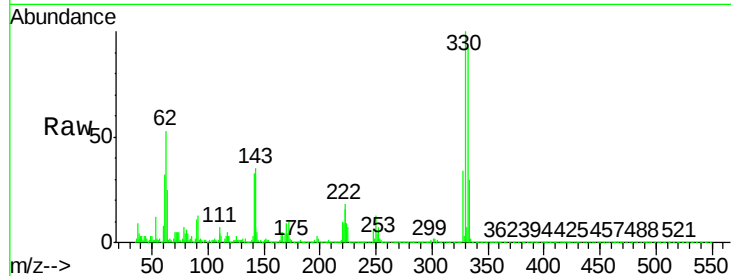




#42
 2,4,6-Tribromophenol
 Concen: 9.705 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002805.D
 Acq: 20 Jul 2020 17:45

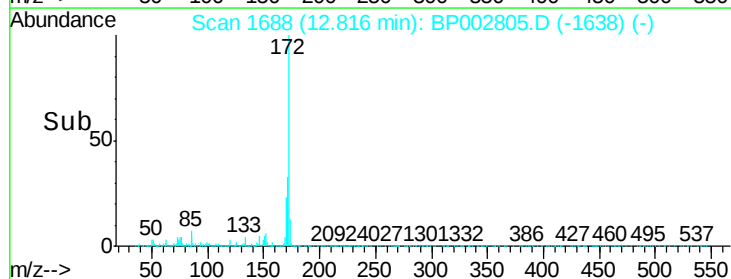
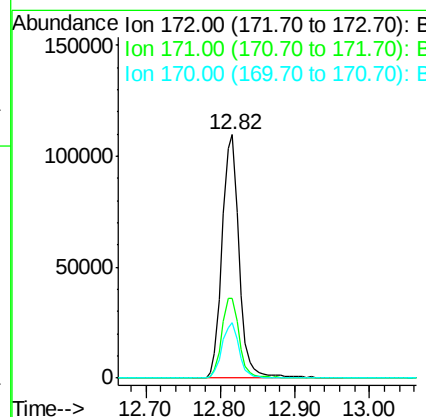
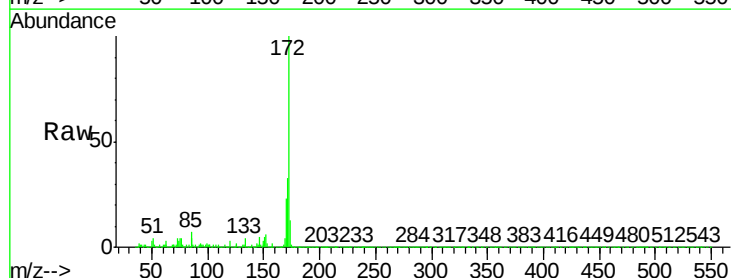
Instrument :
 BNA_P
 ClientSampleId :
 223-224

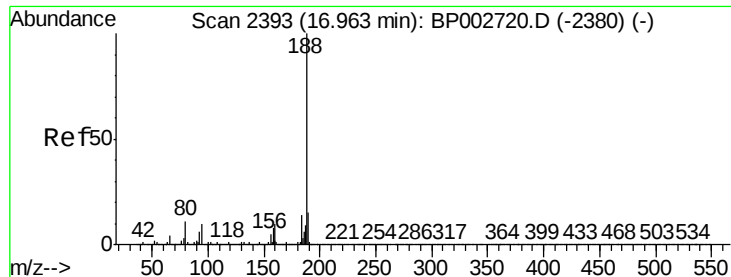
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	37.4	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 6.527 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002805.D
 Acq: 20 Jul 2020 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.1	42.1
170	22.6	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002805.D

Acq: 20 Jul 2020 17:45

Instrument :

BNA_P

ClientSampleId :

223-224

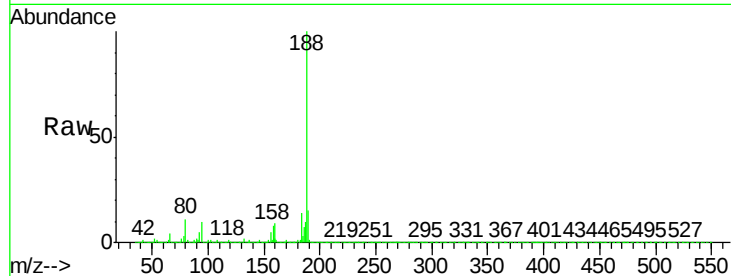
Tot Ion:188 Resp: 864472

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

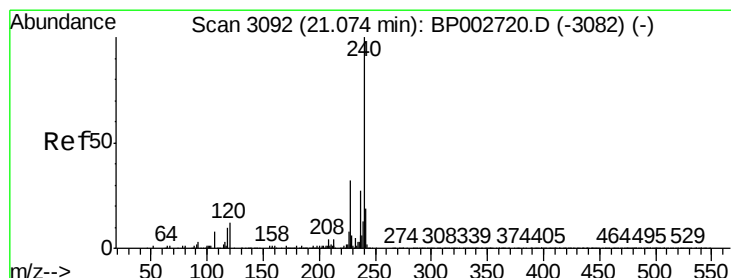
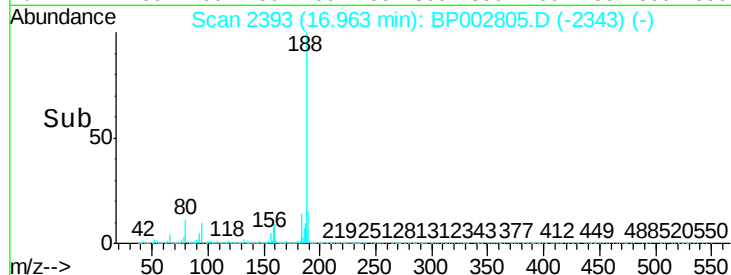
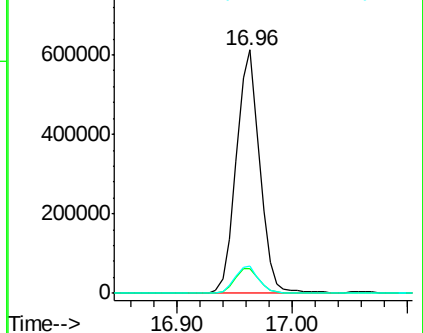
80 11.0 8.9 13.3



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: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP002805.D

Acq: 20 Jul 2020 17:45

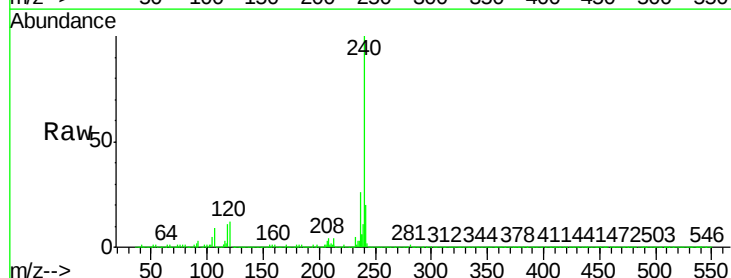
Tgt Ion:240 Resp: 815625

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

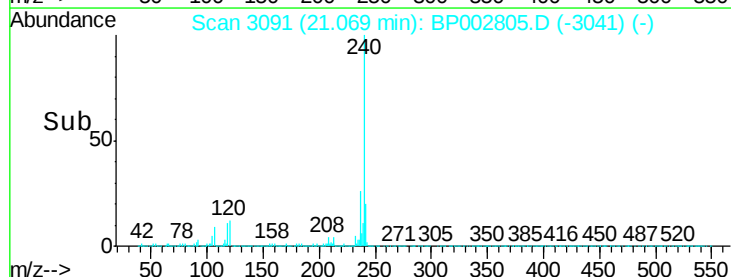
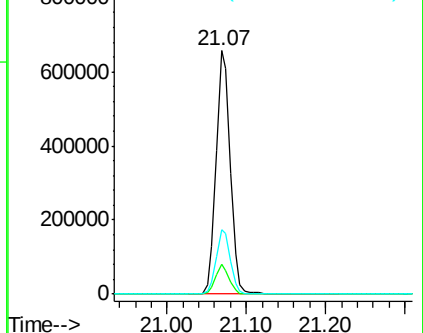
236 26.3 21.3 31.9

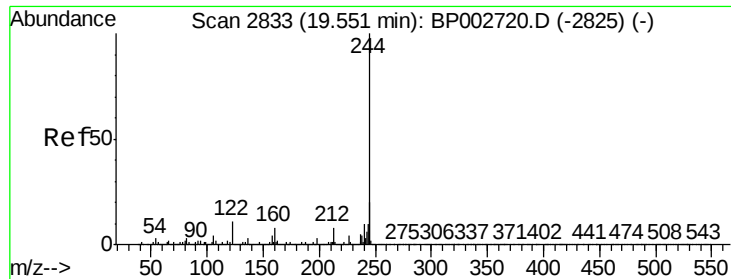


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.637 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002805.D

Acq: 20 Jul 2020 17:45

Instrument :

BNA_P

ClientSampleId :

223-224

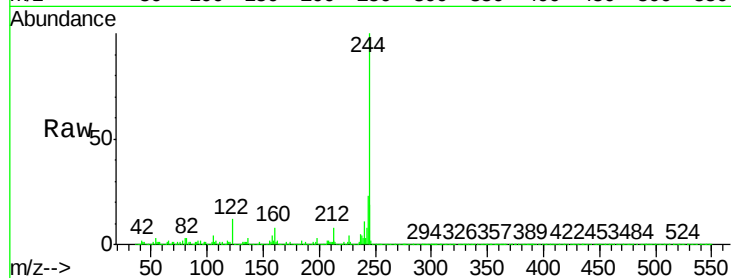
Tot Ion:244 Resp: 271684

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

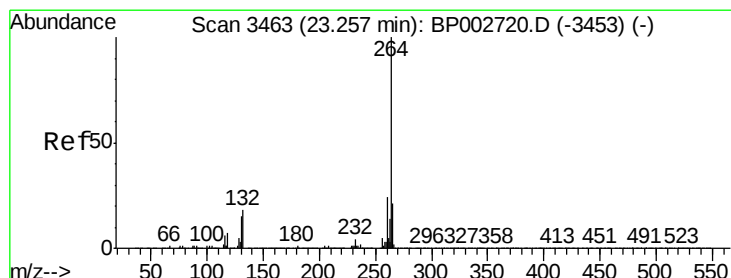
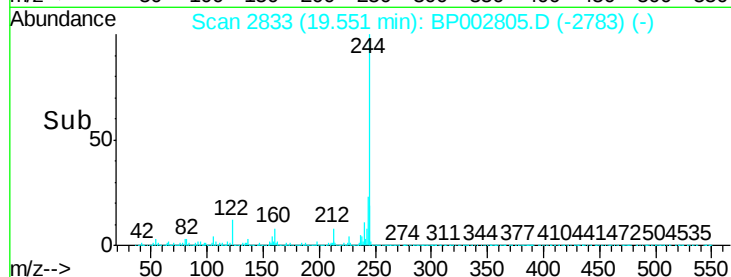
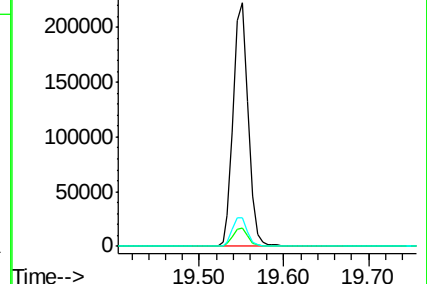
122 11.6 8.9 13.3



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: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002805.D

Acq: 20 Jul 2020 17:45

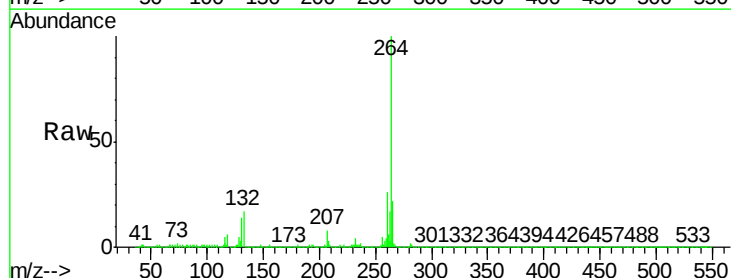
Tgt Ion:264 Resp: 724828

Ion Ratio Lower Upper

264 100

260 25.7 19.3 28.9

265 21.7 16.8 25.2



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

