

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002855.D
 Acq On : 24 Jul 2020 15:59
 Operator : CG/JU
 Sample : L3382-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020

Quant Time: Jul 24 16:33:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

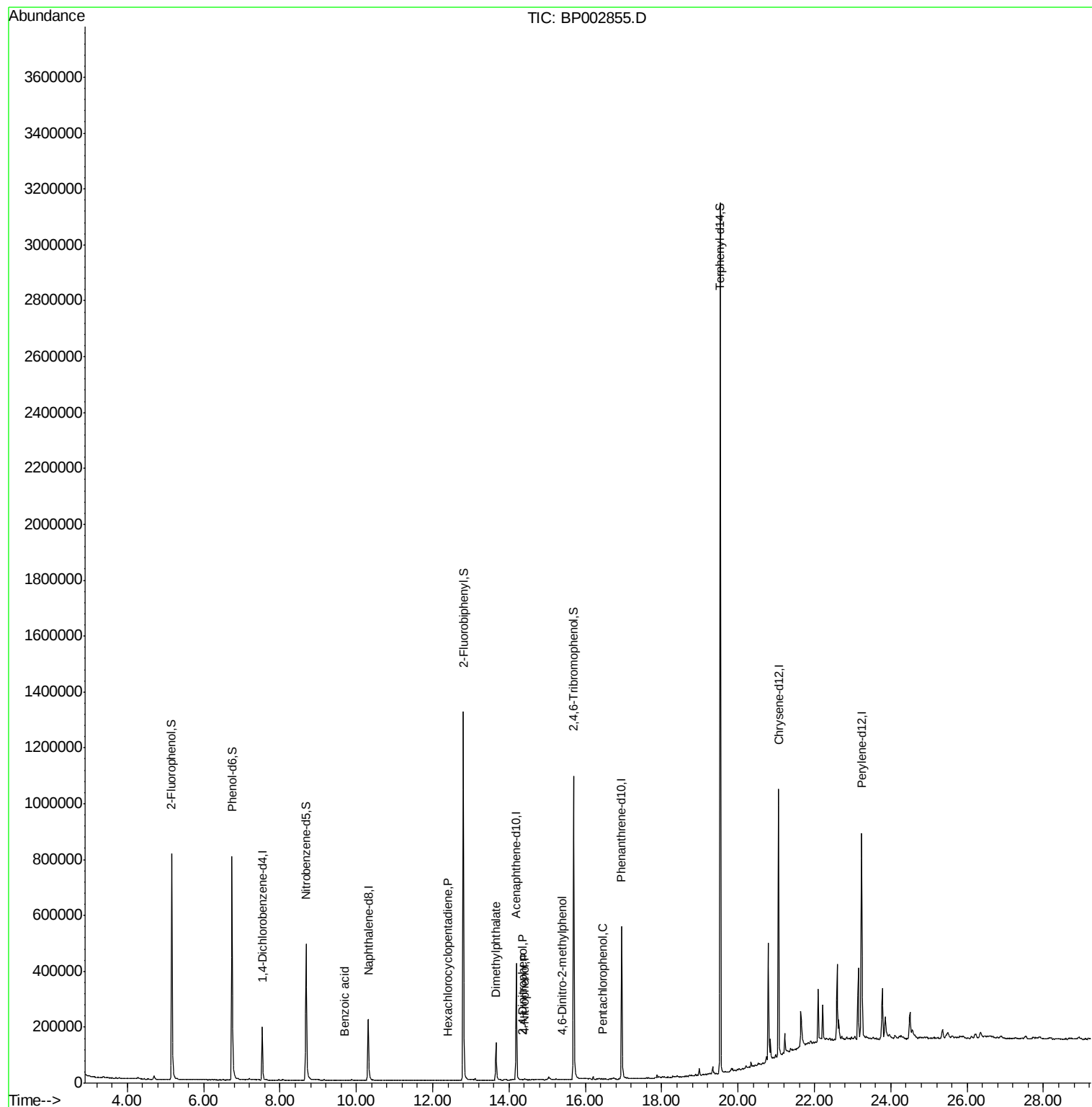
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	52099	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	213563	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	141135	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	341683	20.00	ng	0.00
76) Chrysene-d12	21.06	240	439439	20.00	ng	0.00
86) Perylene-d12	23.23	264	501768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	410994	133.10	ng	0.00
7) Phenol-d6	6.74	99	559398	126.93	ng	0.00
23) Nitrobenzene-d5	8.68	82	330166	82.68	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	204683	138.94	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	723209	79.27	ng	0.00
79) Terphenyl-d14	19.53	244	1320001	68.87	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	11	7.066	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.40	237	23	7.445	ng	91
50) Dimethylphthalate	13.66	163	102238	9.499	ng	100
54) 2,4-Dinitrophenol	14.35	184	14	11.383	ng	# 73
56) 4-Nitrophenol	14.40	139	50	4.995	ng	92
65) 4,6-Dinitro-2-methylphenol	15.37	198	17	5.274	ng	# 1
70) Pentachlorophenol	16.46	266	18	7.450	ng	94

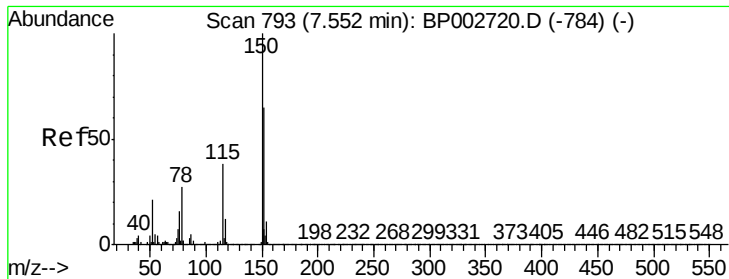
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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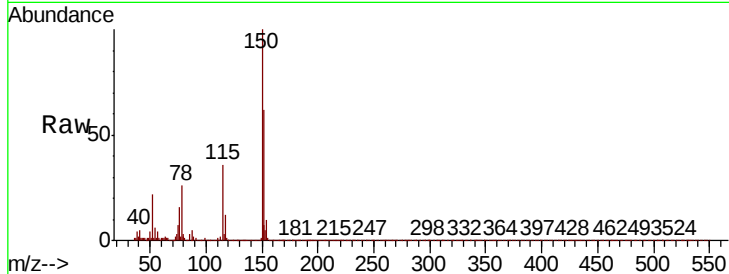


#1

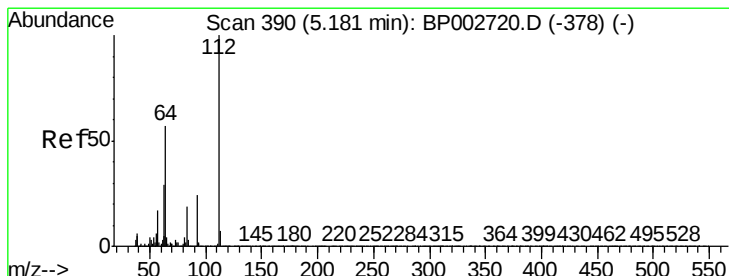
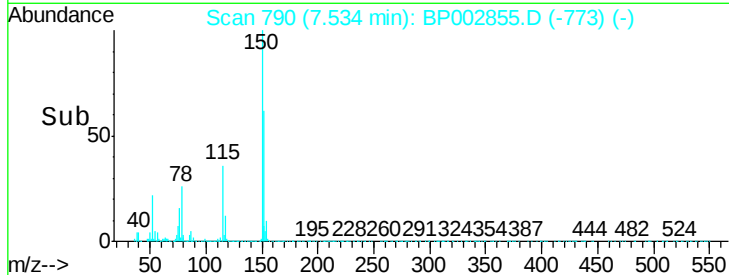
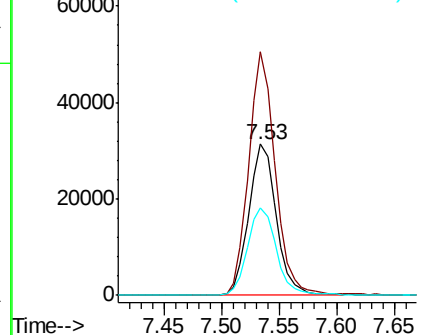
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

Instrument :
BNA_P
ClientSampleId :
CTR-020

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.5	183.7
115	57.8	48.5	72.7



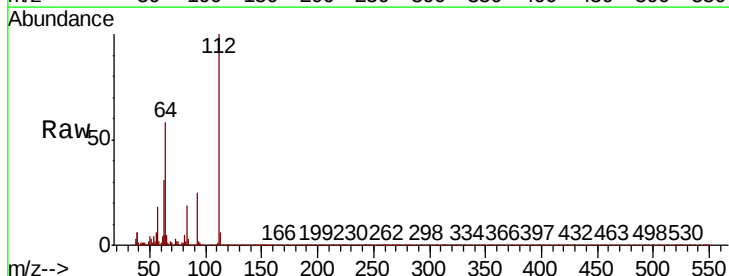
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



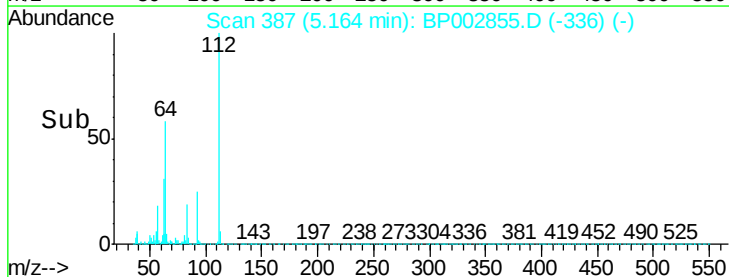
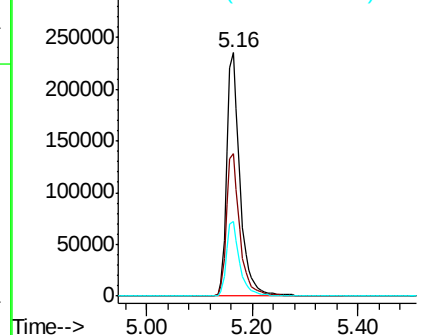
#5

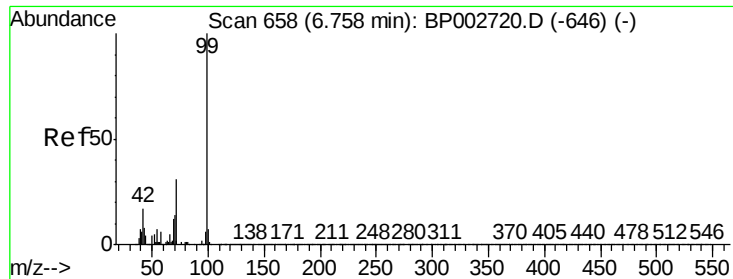
2-Fluorophenol
Concen: 133.097 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	48.1	72.1
63	30.8	24.9	37.3



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: 126.935 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002855.D

Acq: 24 Jul 2020 15:59

Instrument :

BNA_P

ClientSampleId :

CTR-020

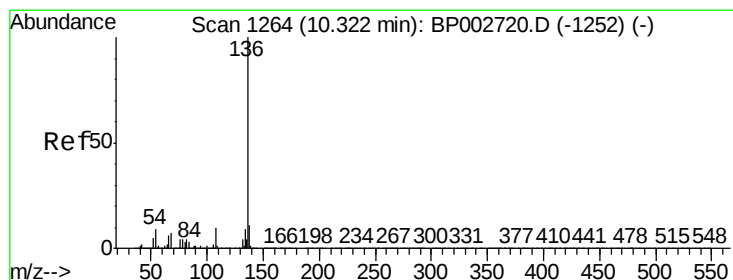
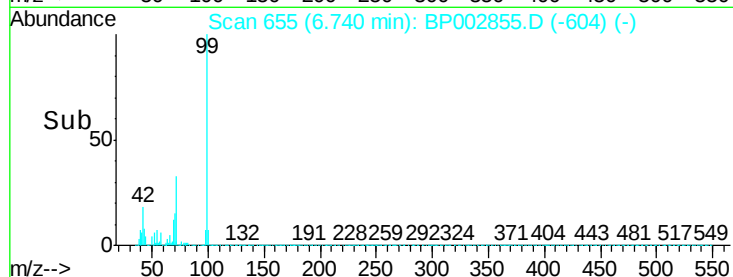
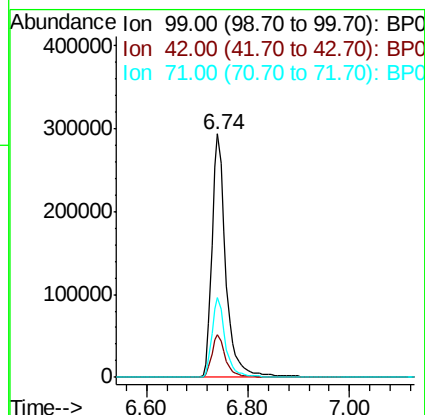
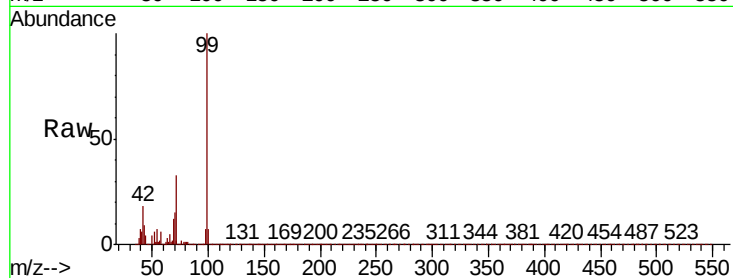
Tot Ion: 99 Resp: 559398

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.4

71 32.7 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002855.D

Acq: 24 Jul 2020 15:59

Tgt Ion: 136 Resp: 213563

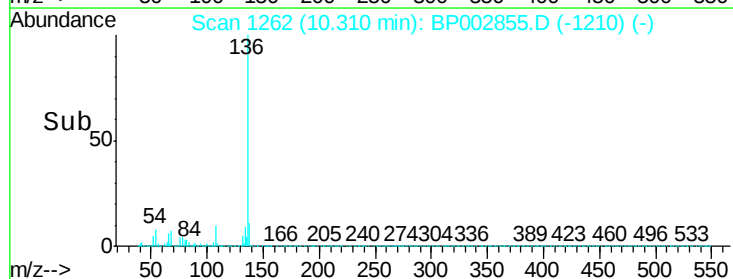
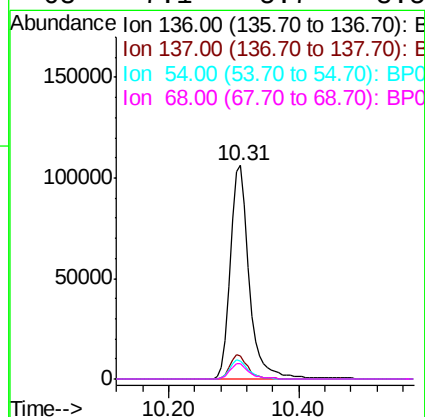
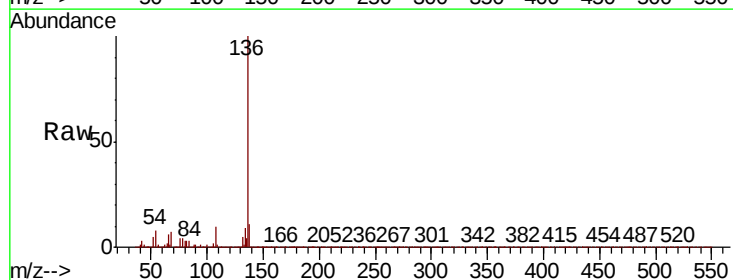
Ion Ratio Lower Upper

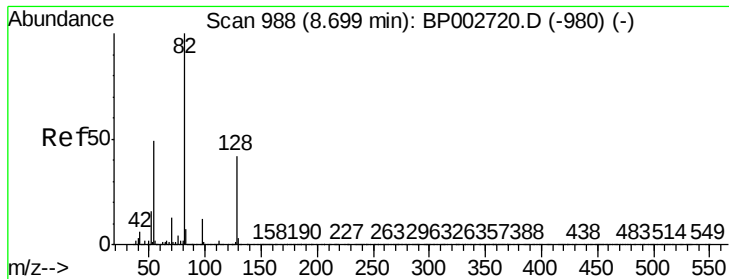
136 100

137 10.6 8.8 13.2

54 8.5 7.3 10.9

68 7.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 82.685 ng

RT: 8.68 min Scan# 985

Delta R.T. 0.00 min

Lab File: BP002855.D

Acq: 24 Jul 2020 15:59

Instrument :

BNA_P

ClientSampleId :

CTR-020

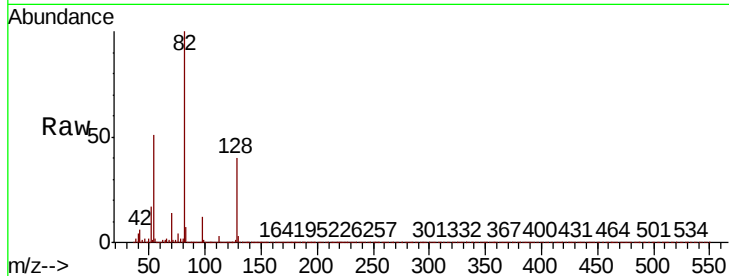
Tot Ion: 82 Resp: 330166

Ion Ratio Lower Upper

82 100

128 40.2 32.6 49.0

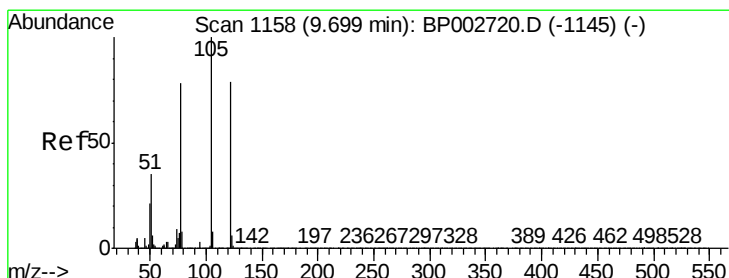
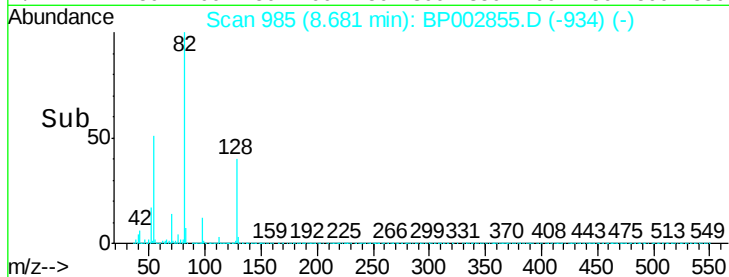
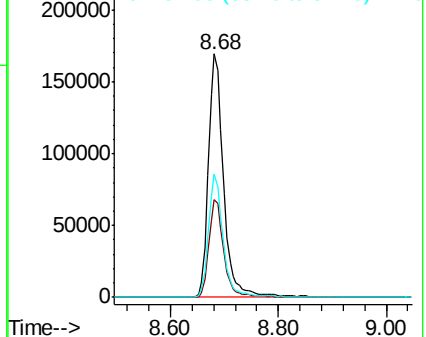
54 50.8 38.9 58.3



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#32

Benzoic acid

Concen: 7.066 ng

RT: 9.70 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BP002855.D

Acq: 24 Jul 2020 15:59

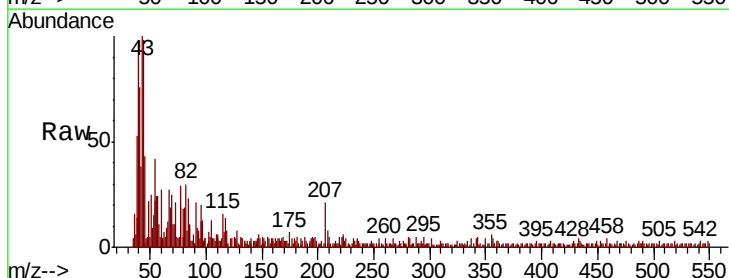
Tgt Ion:122 Resp: 11

Ion Ratio Lower Upper

122 100

105 364.7 101.9 141.9#

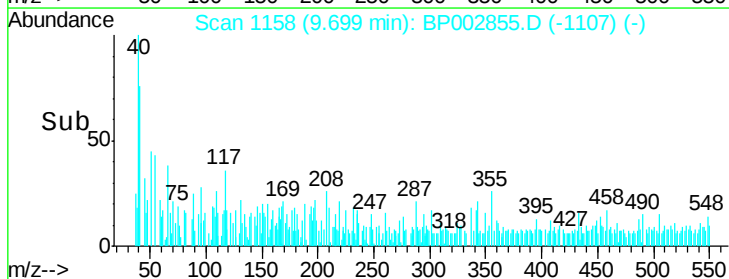
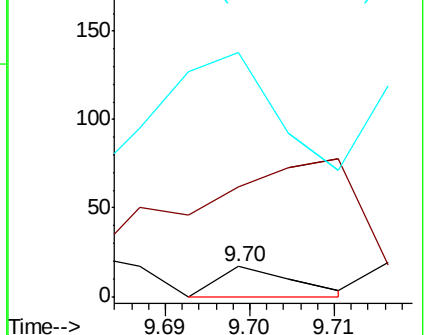
77 811.8 78.0 118.0#

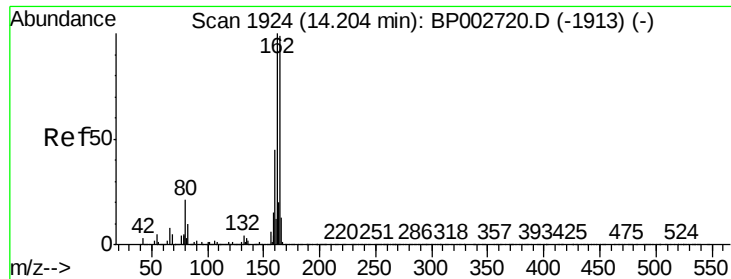


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

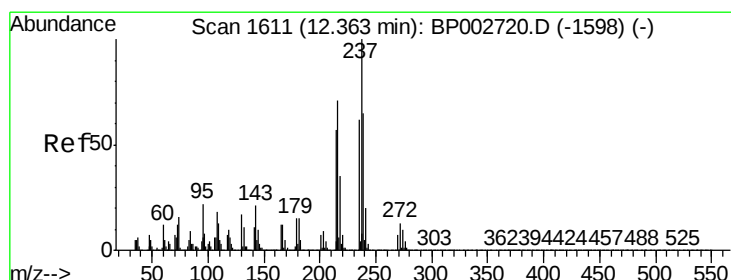
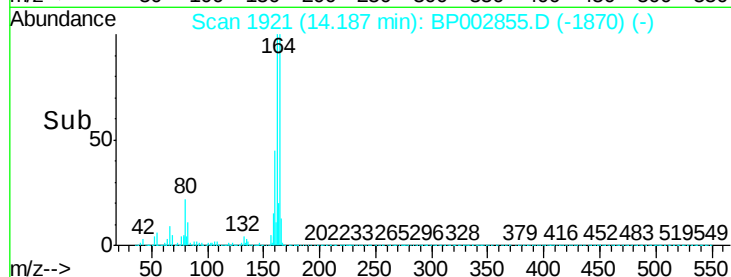
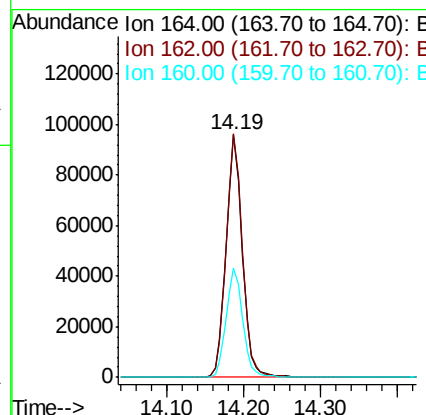
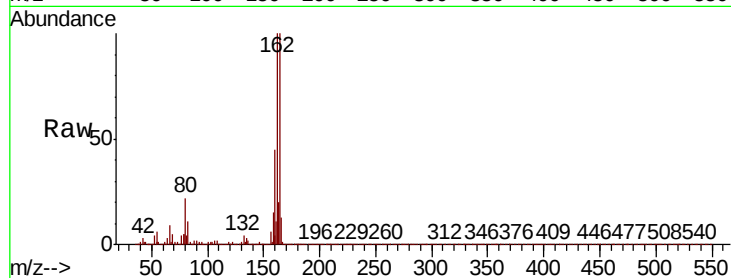




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

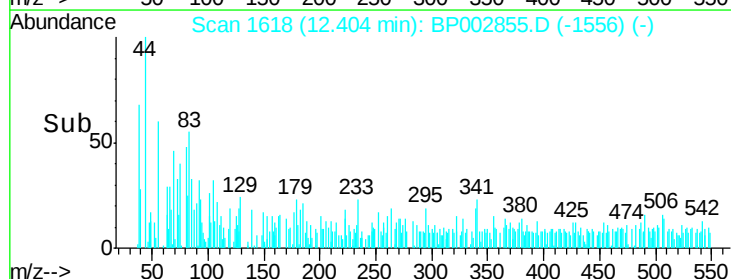
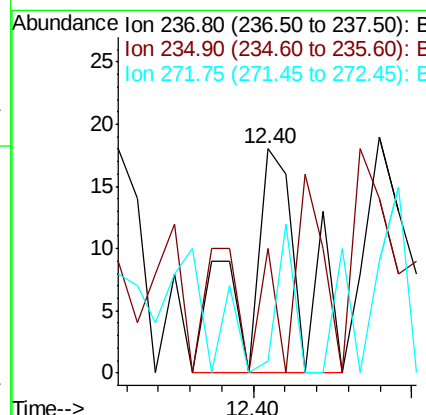
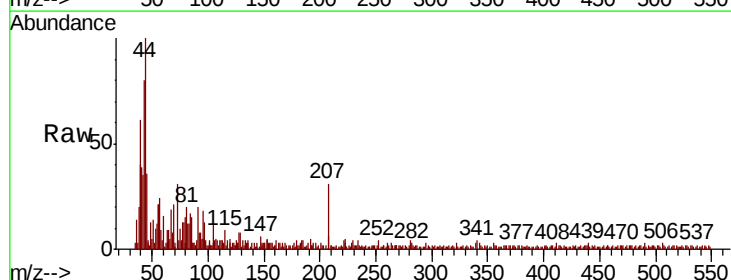
Instrument :
BNA_P
ClientSampleId :
CTR-020

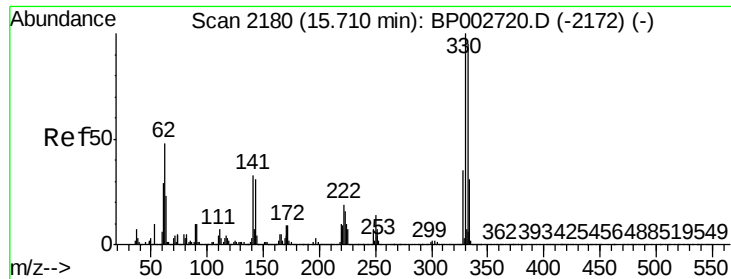
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.4	117.6
160	44.9	36.1	54.1



#41
Hexachlorocyclopentadiene
Concen: 7.445 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.06 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	55.6	40.9	80.9
272	5.6	0.0	32.1

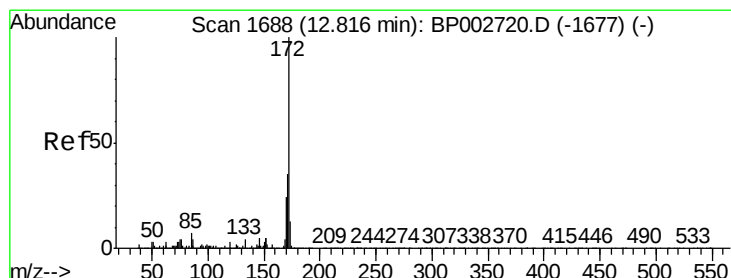
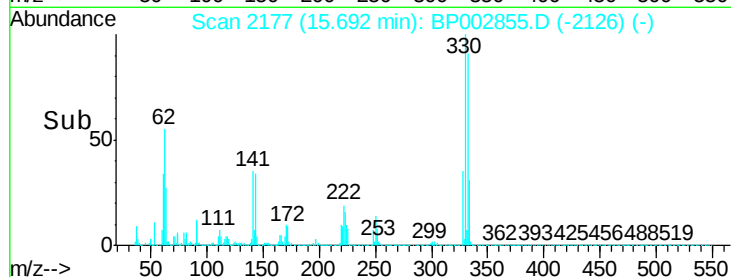
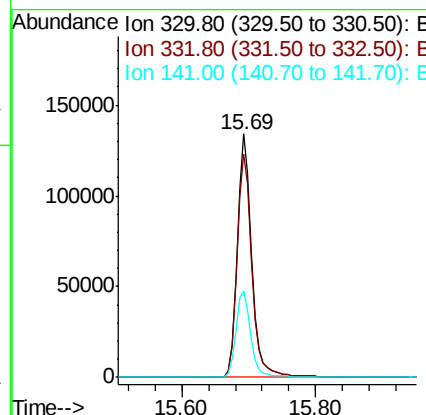
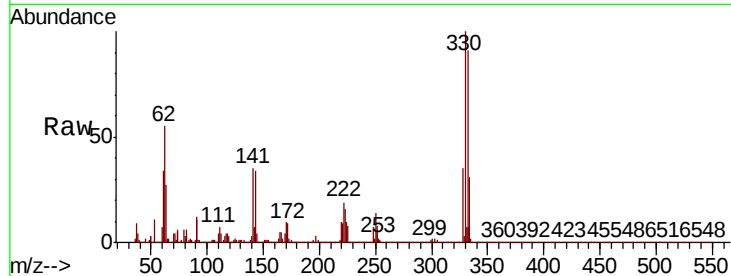




#42
 2,4,6-Tribromophenol
 Concen: 138.935 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BP002855.D
 Acq: 24 Jul 2020 15:59

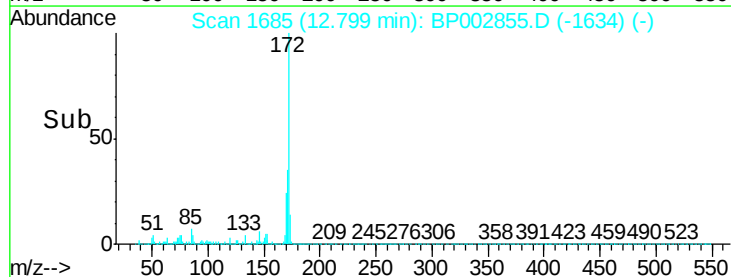
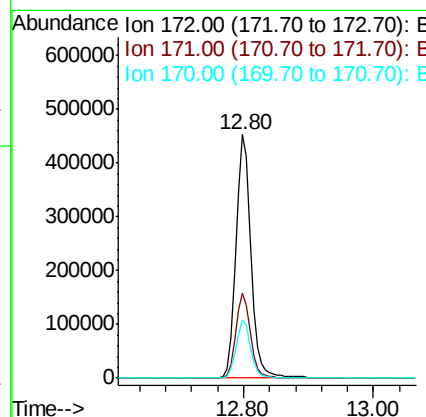
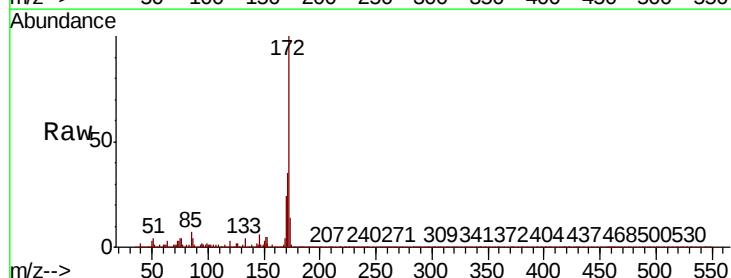
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 CTR-020

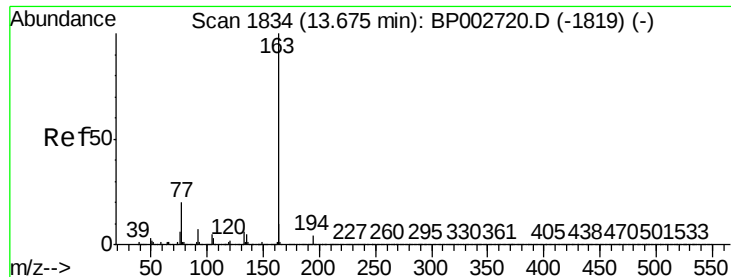
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	36.5	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 79.271 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP002855.D
 Acq: 24 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.0	40.4
170	24.0	19.4	29.2

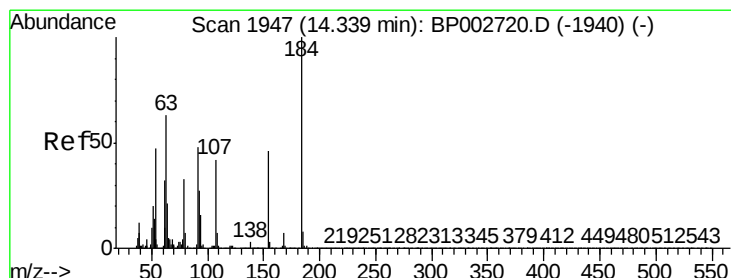
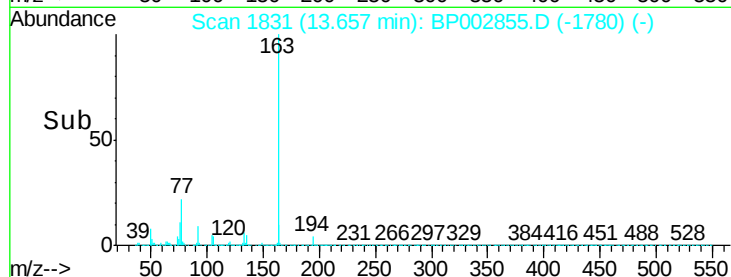
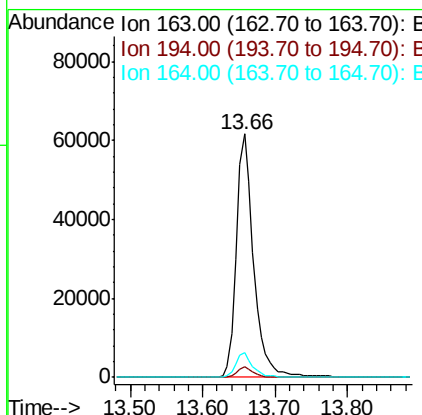
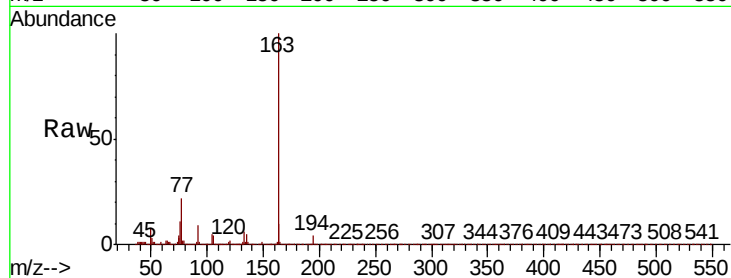




#50
Dimethylphthalate
Concen: 9.499 ng
RT: 13.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

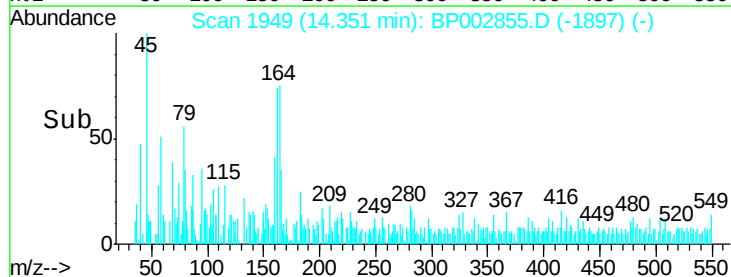
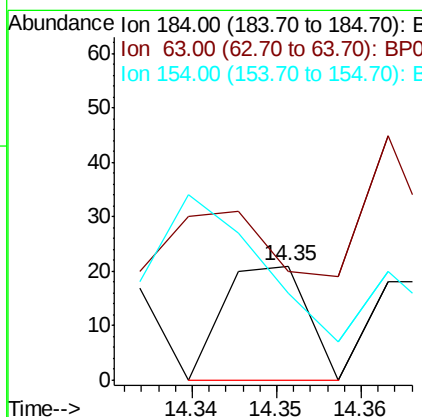
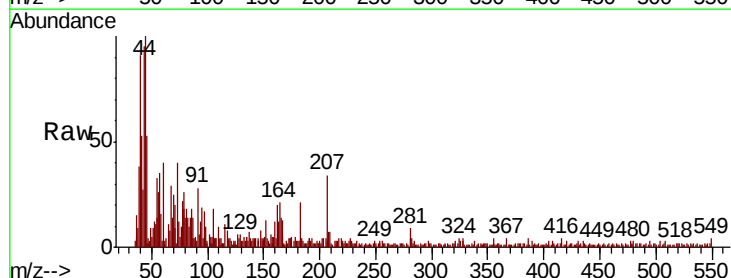
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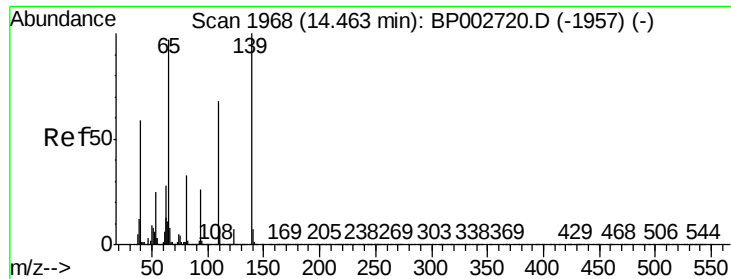
Tot Ion:163 Resp: 102238
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 11.383 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 95.2 55.4 83.0#
154 76.2 47.5 71.3#

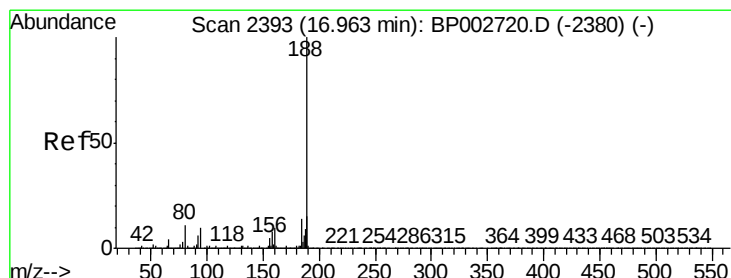
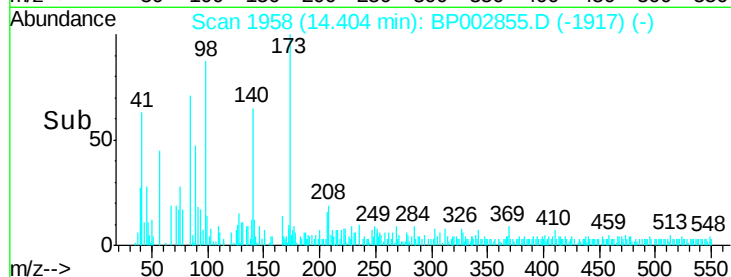
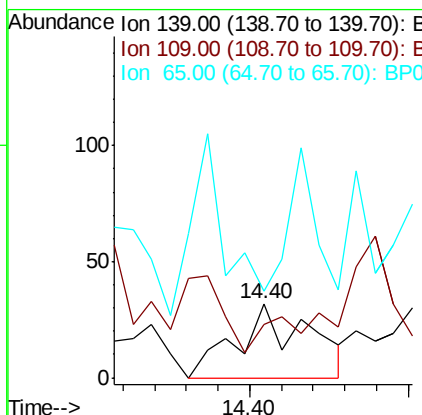
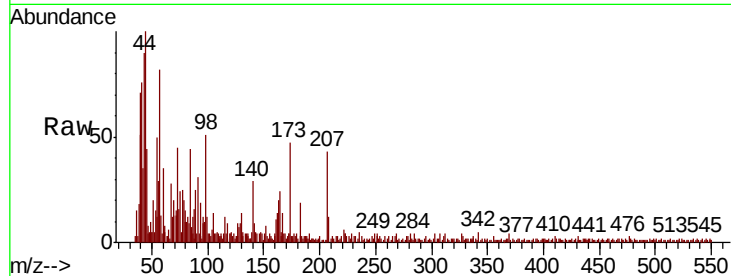




#56
4-Nitrophenol
Concen: 4.995 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.06 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

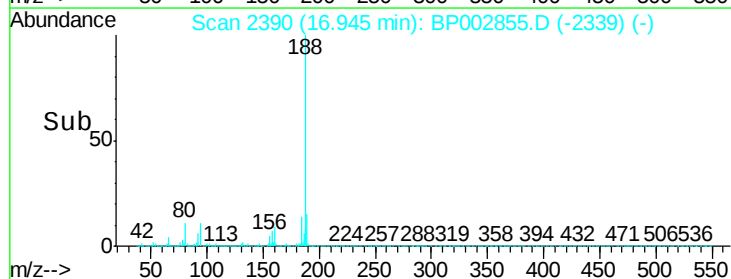
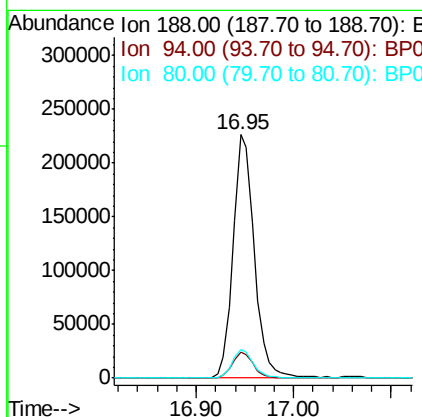
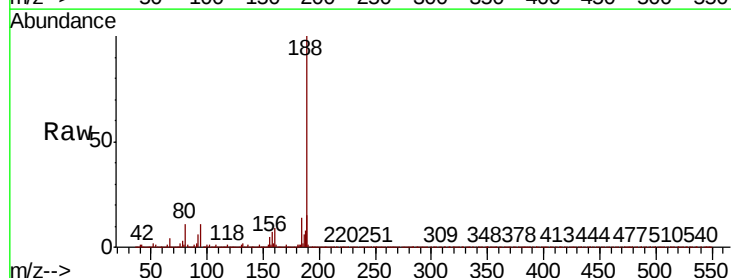
Instrument :
BNA_P
ClientSampled :
CTR-020

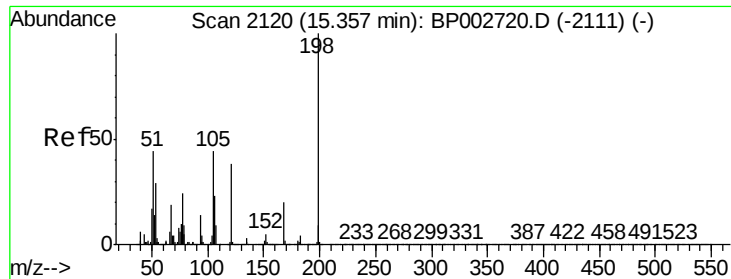
Tot Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 71.9 55.2 95.2
65 115.6 84.7 124.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

Tgt Ion:188 Resp: 341683
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.5 9.0 13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.274 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.02 min

Lab File: BP002855.D

Acq: 24 Jul 2020 15:59

Instrument :

BNA_P

ClientSampled :

CTR-020

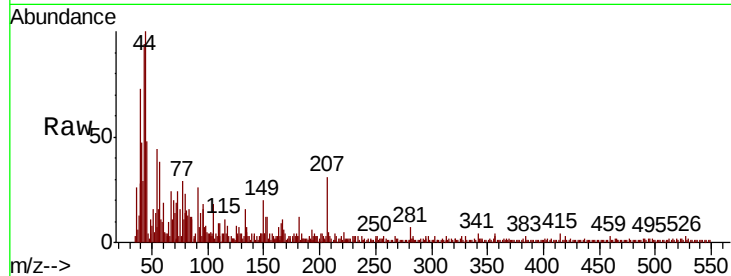
Tot Ion:198 Resp: 17

Ion Ratio Lower Upper

198 100

51 466.7 25.1 65.1#

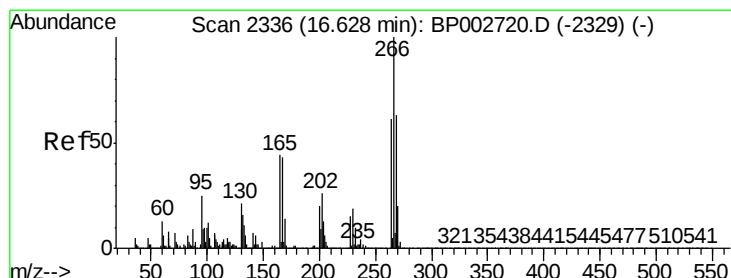
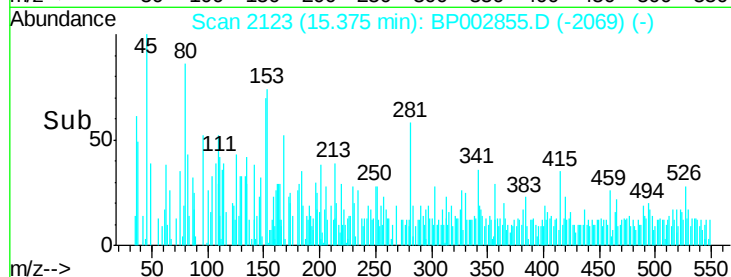
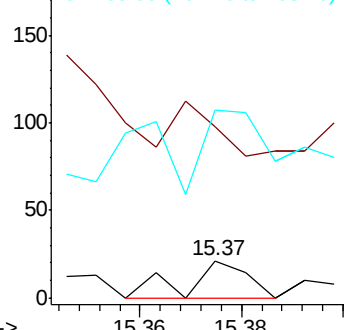
105 509.5 24.6 64.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#70

Pentachlorophenol

Concen: 7.450 ng

RT: 16.46 min Scan# 2307

Delta R.T. -0.16 min

Lab File: BP002855.D

Acq: 24 Jul 2020 15:59

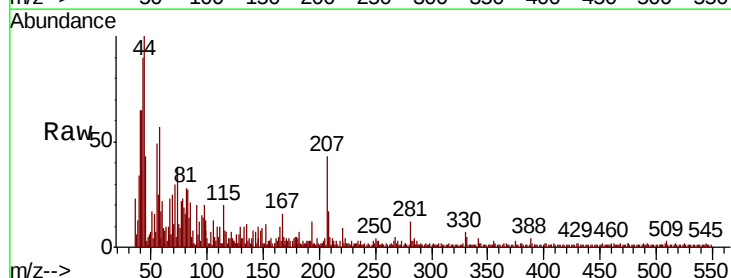
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 60.7 51.2 76.8

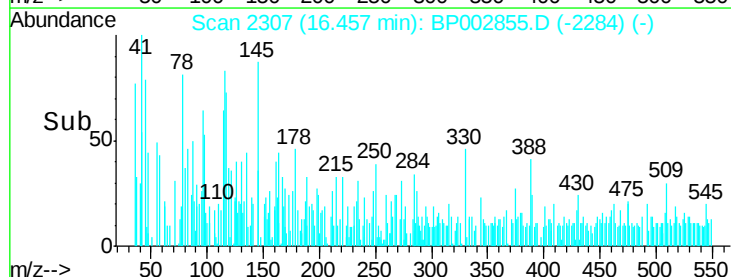
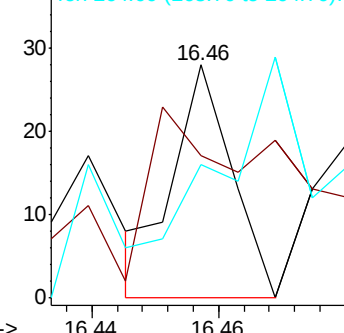
264 57.1 50.2 75.4

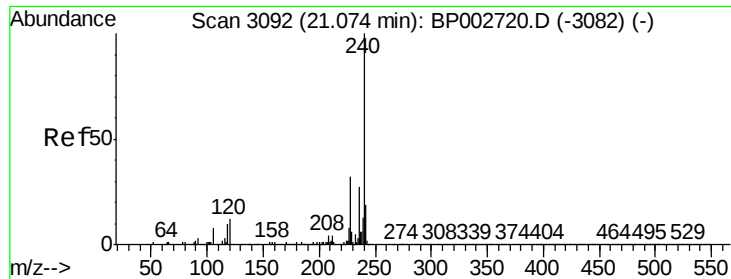


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

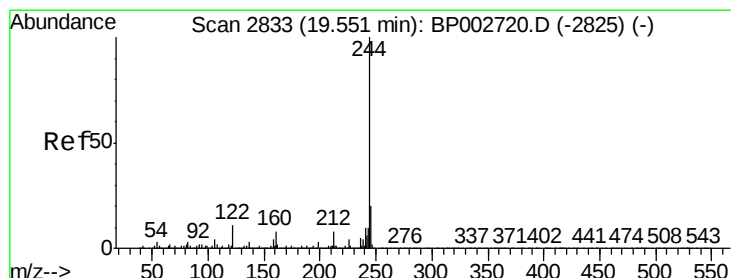
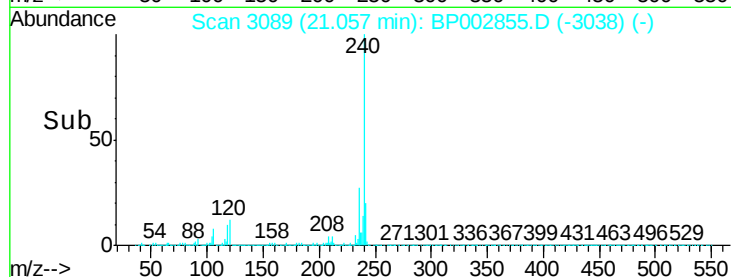
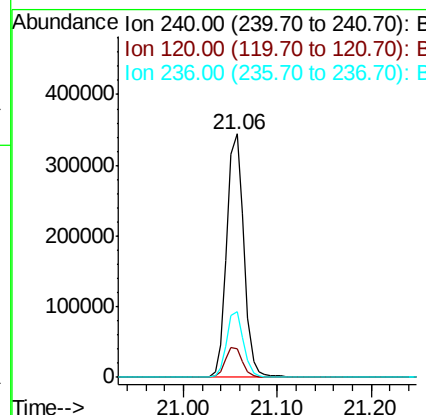
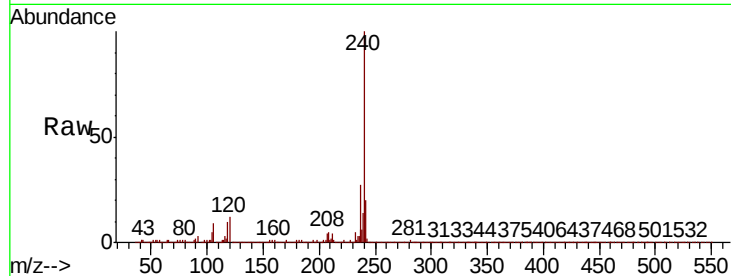




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BP002855.D
 Acq: 24 Jul 2020 15:59

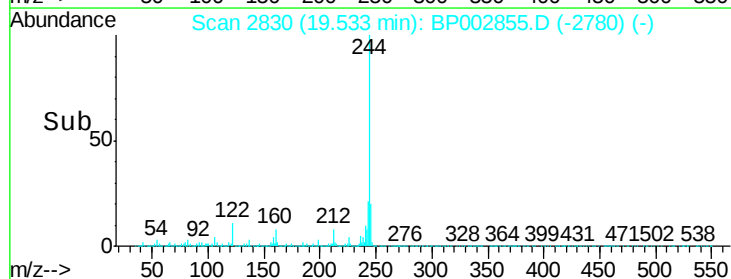
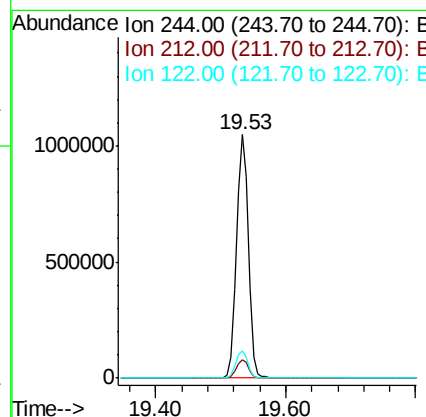
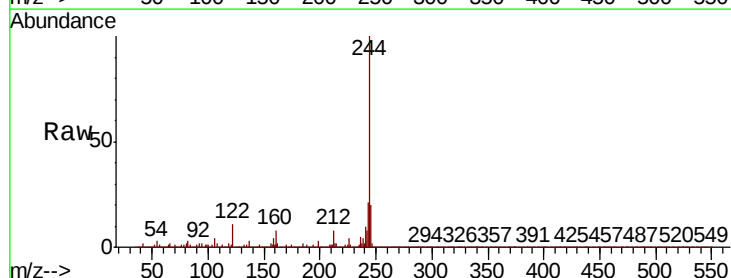
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020

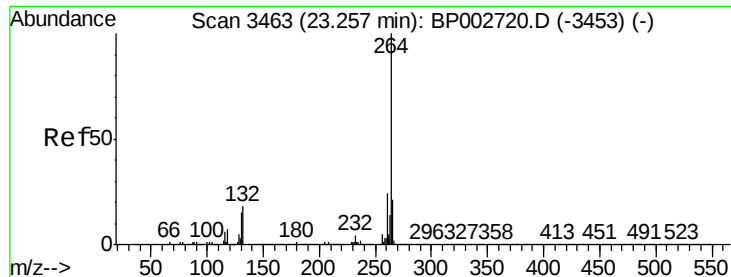
Tot Ion:240 Resp: 439439
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.2 13.8
 236 27.0 20.3 30.5



#79
 Terphenyl-d14
 Concen: 68.869 ng
 RT: 19.53 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BP002855.D
 Acq: 24 Jul 2020 15:59

Tgt Ion:244 Resp: 1320001
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 11.3 7.9 11.9

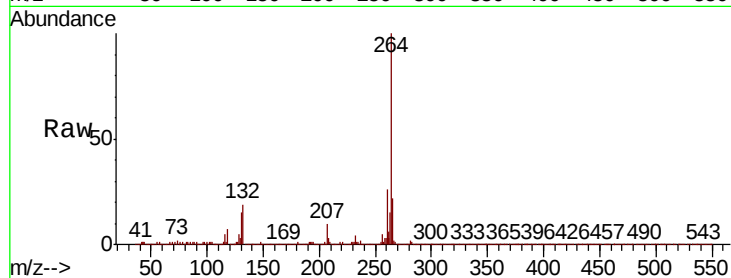




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.23 min Scan# 3459
Delta R.T. 0.00 min
Lab File: BP002855.D
Acq: 24 Jul 2020 15:59

Instrument :
BNA_P
ClientSampleId :
CTR-020

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.6	29.4
265	22.3	16.7	25.1



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

