

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102820\
 Data File : BP003772.D
 Acq On : 28 Oct 2020 16:28
 Operator : CG/JU
 Sample : PB132682BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132682BL

Quant Time: Oct 28 17:29:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 16:22:21 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

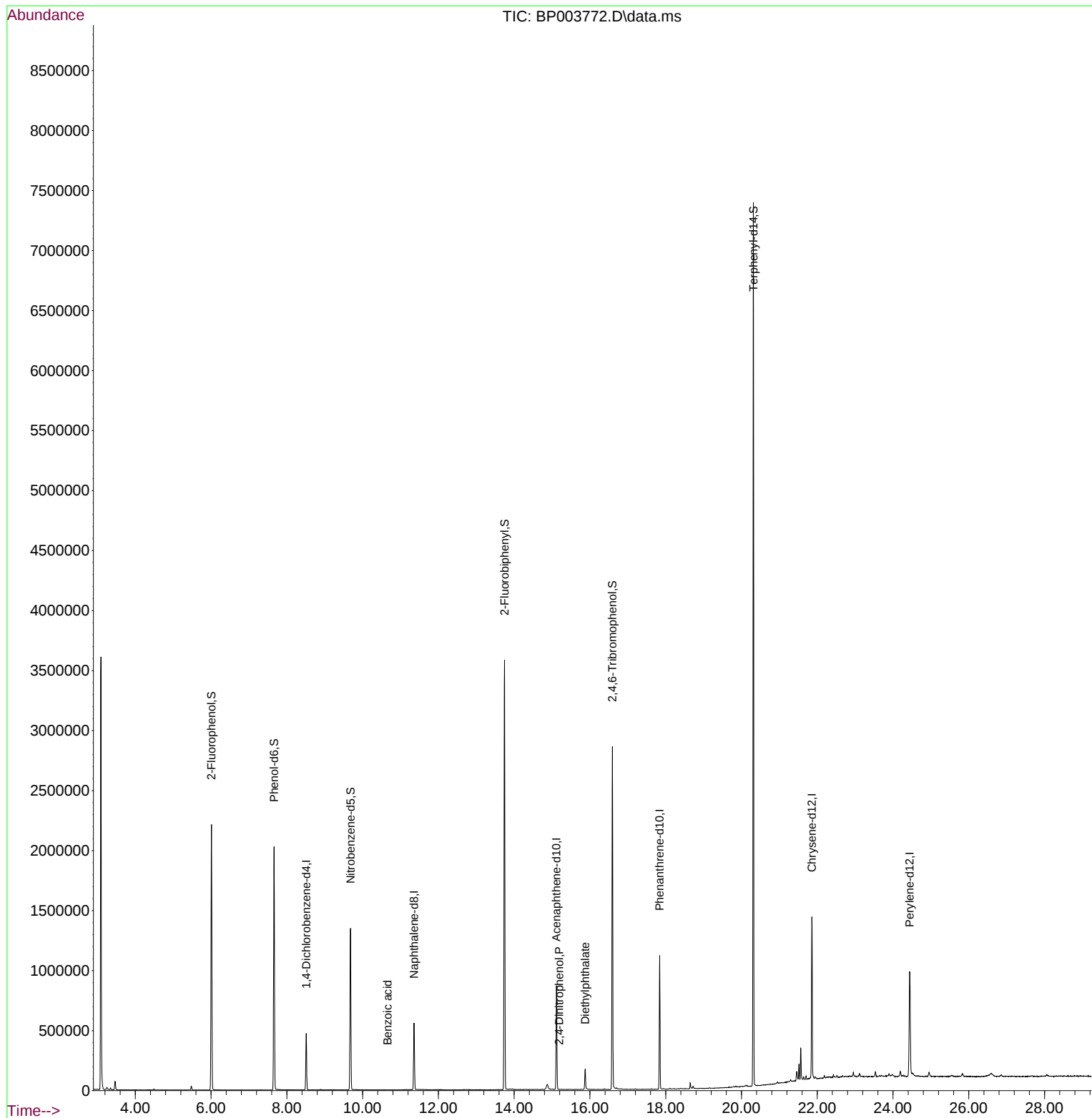
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	126219	20.00	ng	0.00
21) Naphthalene-d8	11.357	136	444543	20.00	ng	# 0.00
39) Acenaphthene-d10	15.116	164	286897	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	652515	20.00	ng	0.01
76) Chrysene-d12	21.857	240	734434	20.00	ng	# 0.01
86) Perylene-d12	24.439	264	753404	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	959040	127.06	ng	0.00
7) Phenol-d6	7.663	99	1193631	111.93	ng	0.00
23) Nitrobenzene-d5	9.681	82	806092	76.71	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	584187	130.52	ng	0.01
45) 2-Fluorobiphenyl	13.746	172	1853352	83.51	ng	0.00
79) Terphenyl-d14	20.316	244	3294947	78.90	ng	0.02
Target Compounds						
9) Benzaldehyde	7.575	77	83	Below Cal	#	25
32) Benzoic acid	10.657	122	52	5.05 ng	#	42
54) 2,4-Dinitrophenol	15.187	184	7	4.83 ng	#	1
60) Diethylphthalate	15.875	149	111938	4.85 ng		97

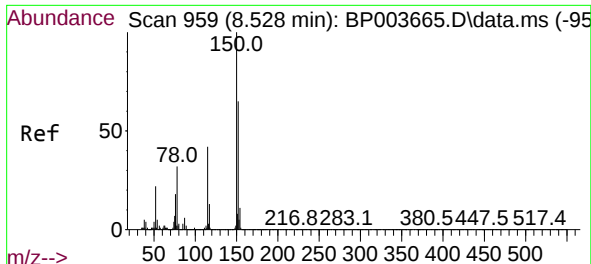
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

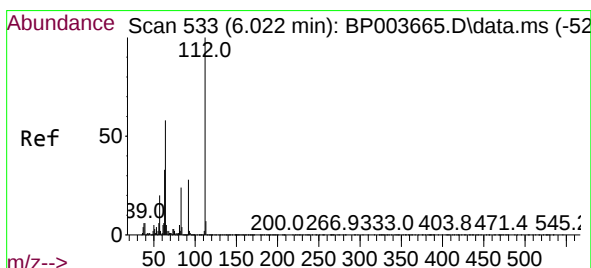
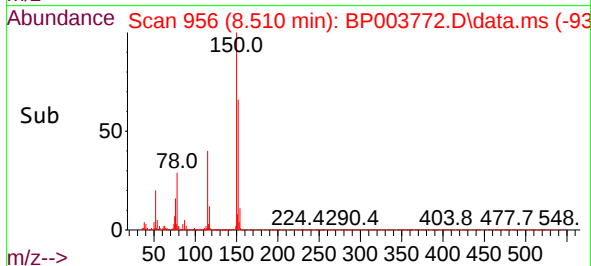
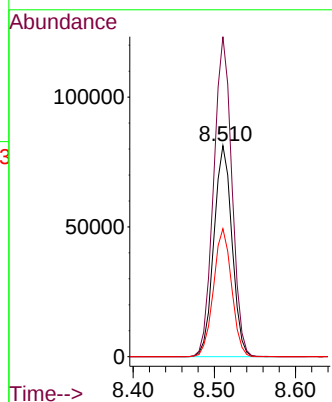
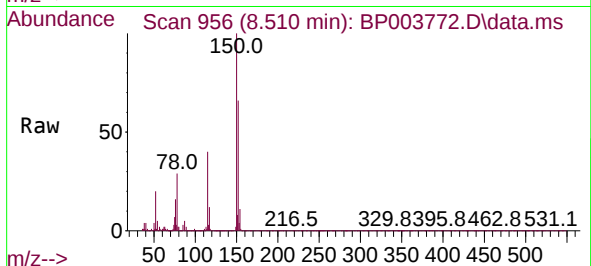




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

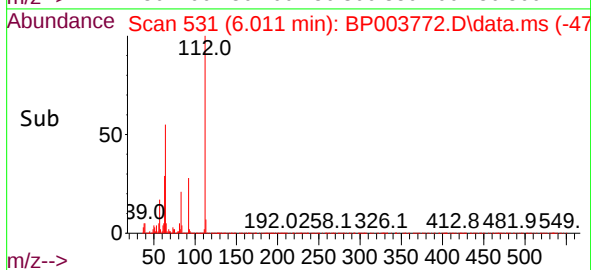
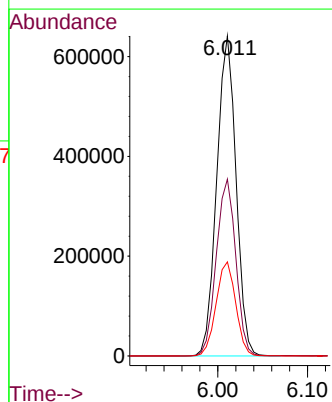
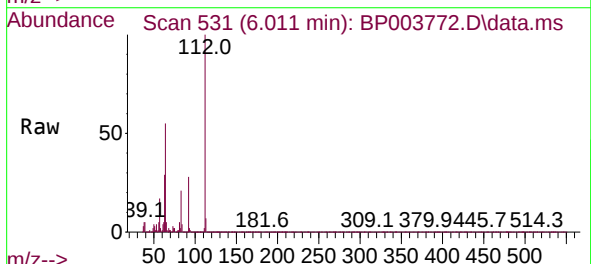
Instrument :
BNA_P
ClientSampleId :
PB132682BL

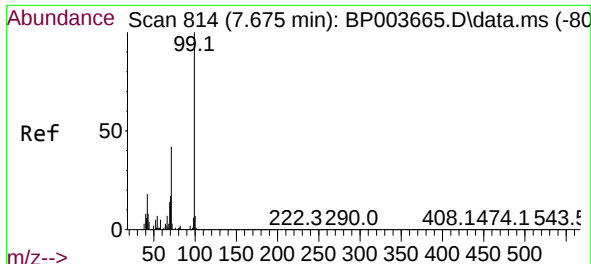
Tgt Ion:152 Resp: 126219
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 60.6 43.8 65.6



#5
2-Fluorophenol
Concen: 127.06 ng
RT: 6.011 min Scan# 531
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion:112 Resp: 959040
Ion Ratio Lower Upper
112 100
64 55.2 32.8 49.2#
63 29.4 17.0 25.4#

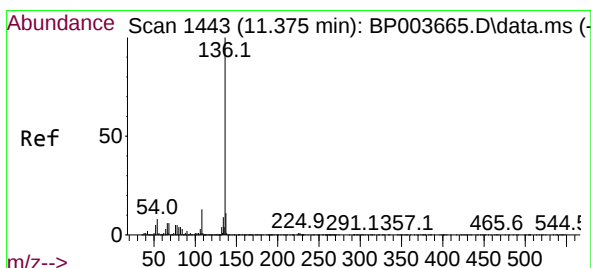
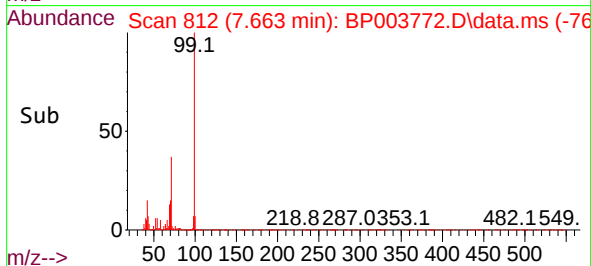
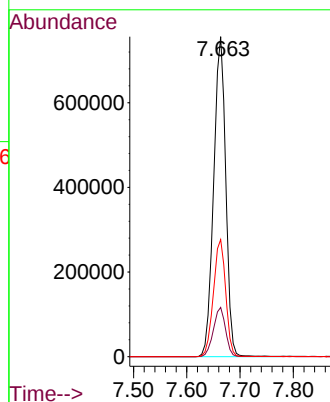
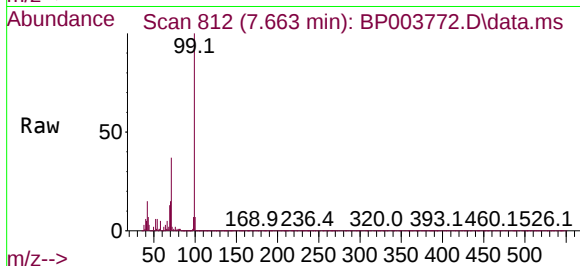




#7
Phenol-d6
Concen: 111.93 ng
RT: 7.663 min Scan# 812
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

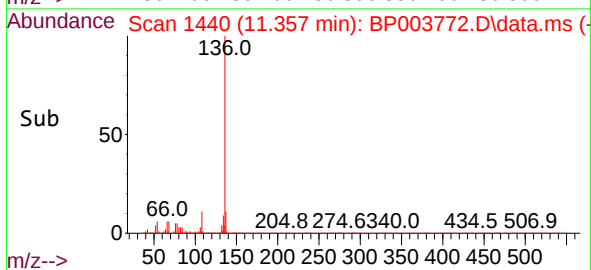
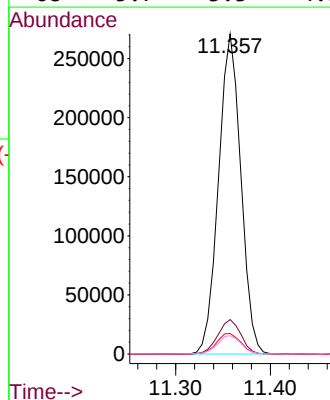
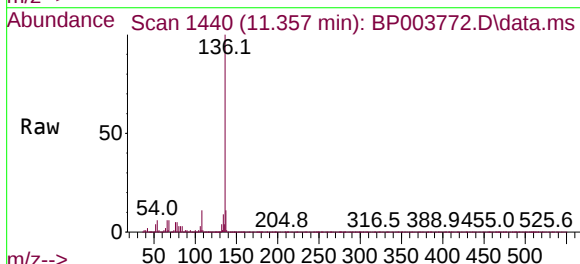
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BNA_P
ClientSampleId :
PB132682BL

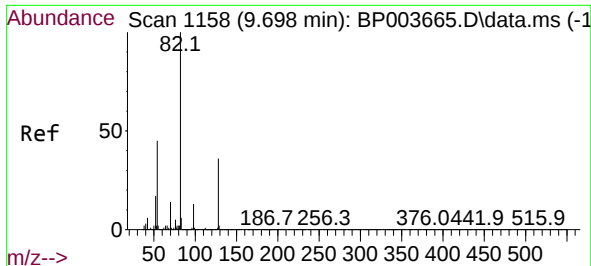
Tgt Ion: 99 Resp: 1193631
Ion Ratio Lower Upper
99 100
42 15.4 8.6 13.0#
71 36.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.357 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion: 136 Resp: 444543
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.4 3.6 5.4#
68 5.7 3.3 4.9#

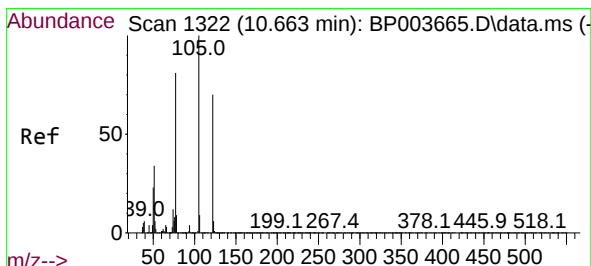
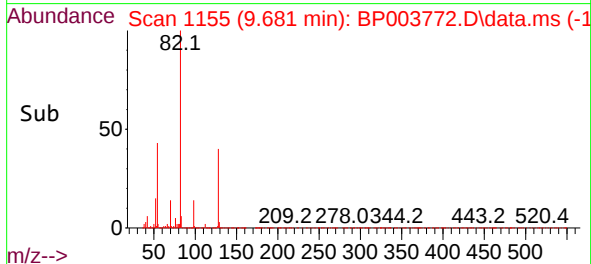
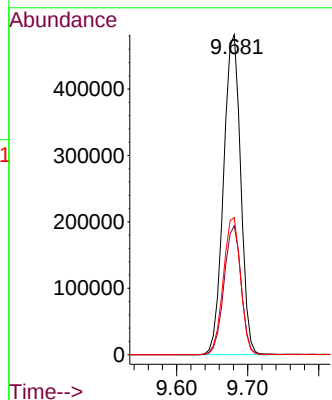
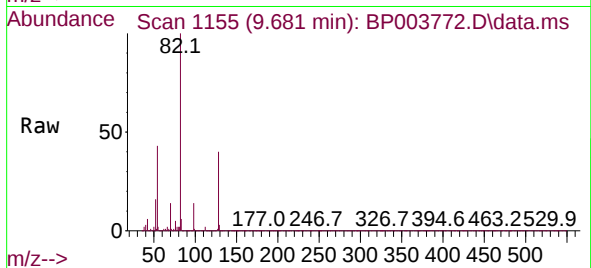




#23
Nitrobenzene-d5
Concen: 76.71 ng
RT: 9.681 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

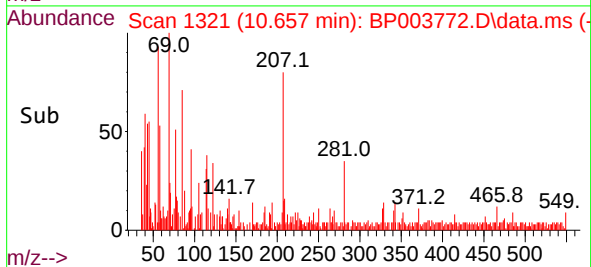
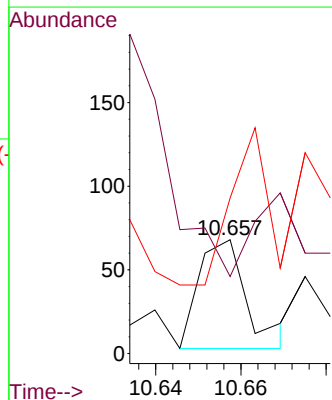
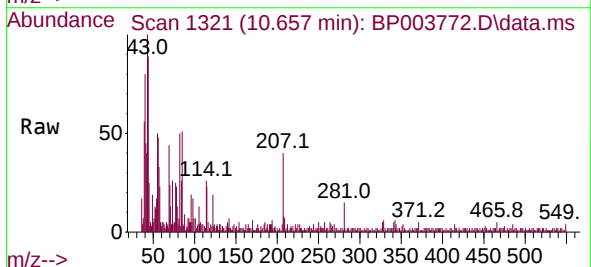
Instrument :
BNA_P
ClientSampleId :
PB132682BL

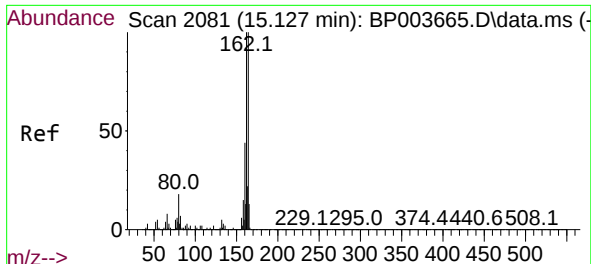
Tgt Ion: 82 Resp: 806092
Ion Ratio Lower Upper
82 100
128 40.3 45.6 68.4#
54 42.8 30.1 45.1



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.657 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion: 122 Resp: 52
Ion Ratio Lower Upper
122 100
105 67.6 94.1 134.1#
77 136.8 50.1 90.1#

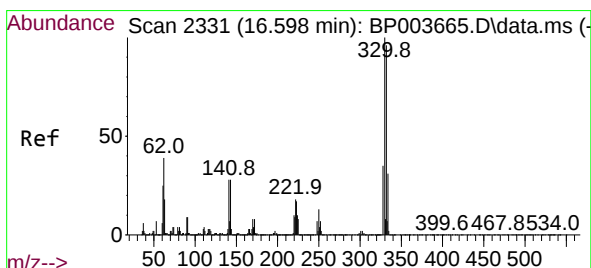
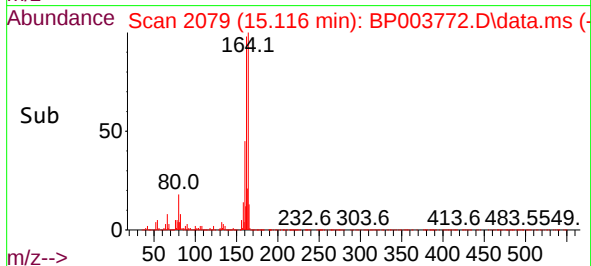
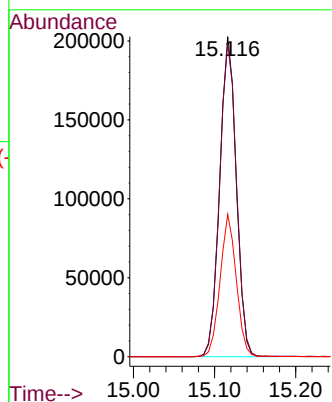
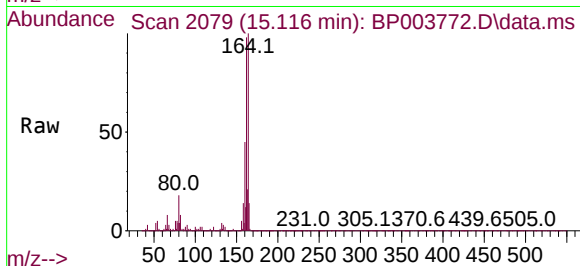




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.116 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

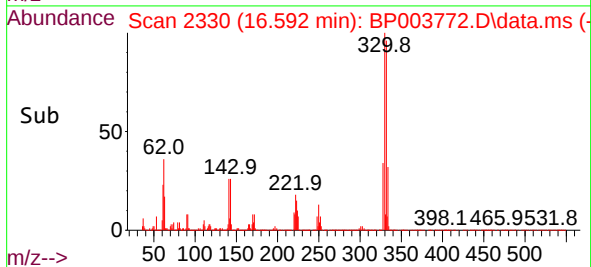
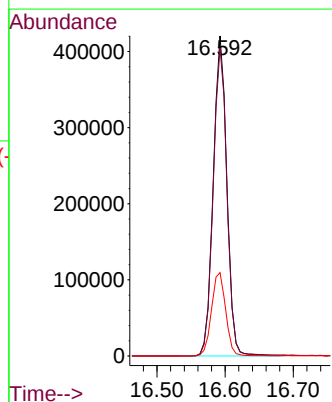
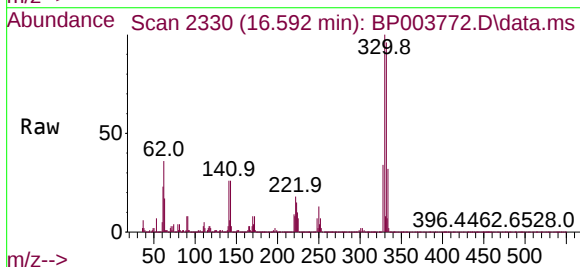
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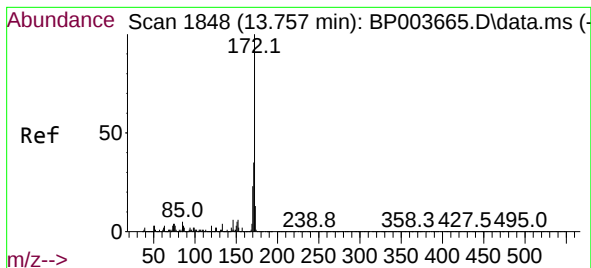
Tgt Ion:164 Resp: 286897
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.2
160 44.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 130.52 ng
RT: 16.592 min Scan# 2330
Delta R.T. 0.012 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion:330 Resp: 584187
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 27.3 23.4 35.2

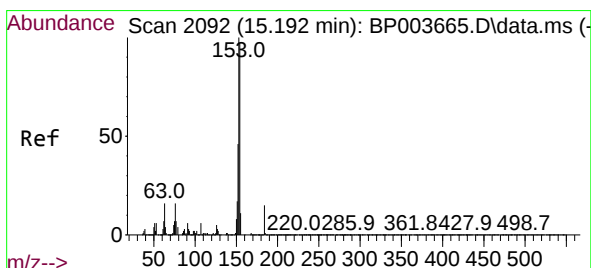
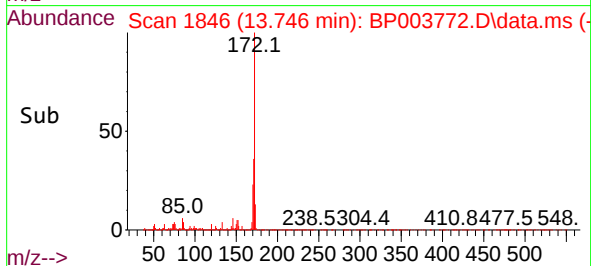
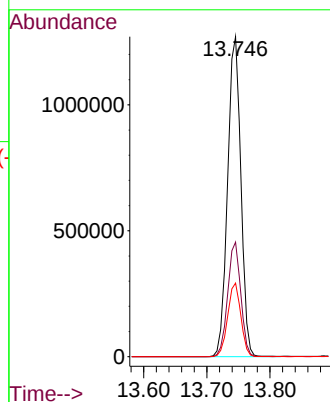
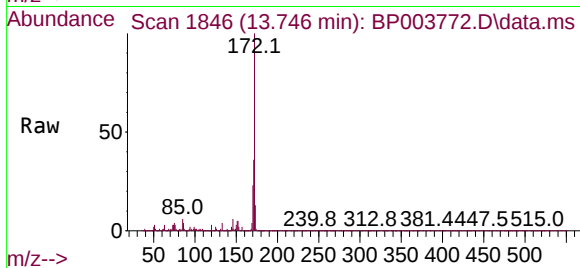




#45
2-Fluorobiphenyl
Concen: 83.51 ng
RT: 13.746 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

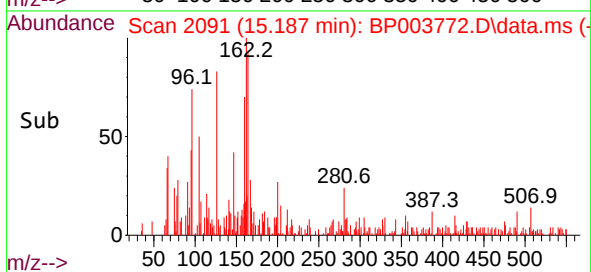
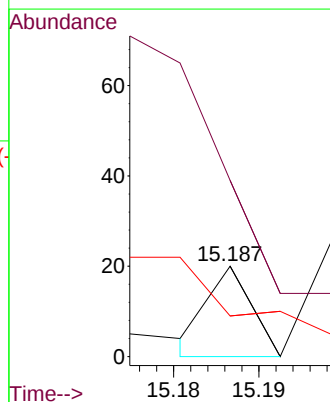
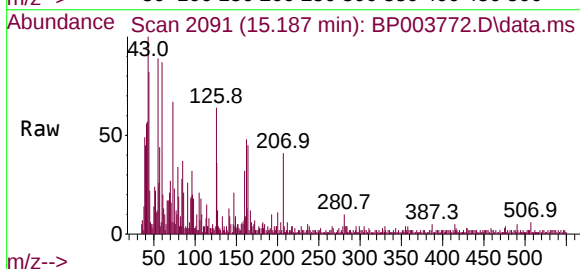
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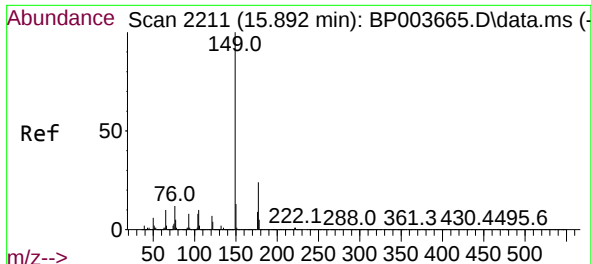
Tgt Ion:172 Resp: 1853352
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.0 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.187 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 195.0 32.3 48.5#
154 85.0 49.1 73.7#

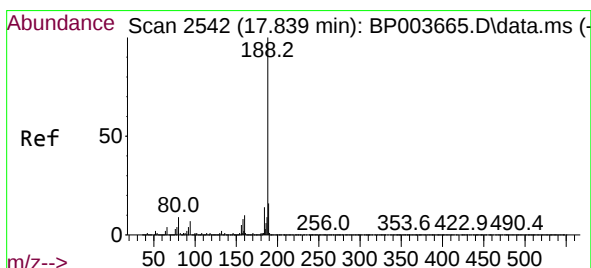
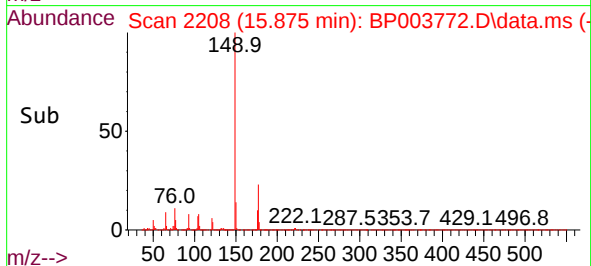
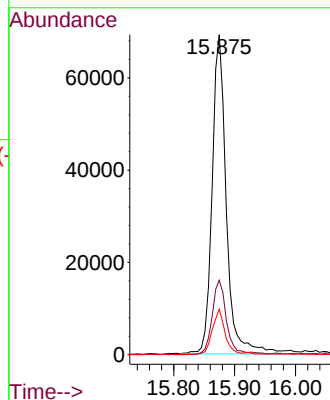
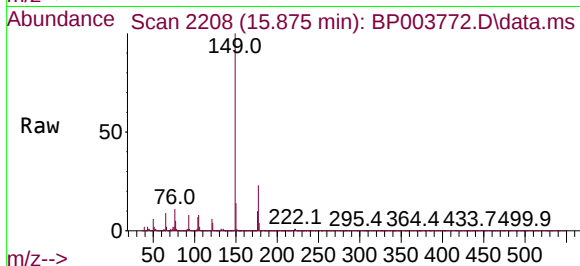




#60
Diethylphthalate
Concen: 4.85 ng
RT: 15.875 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

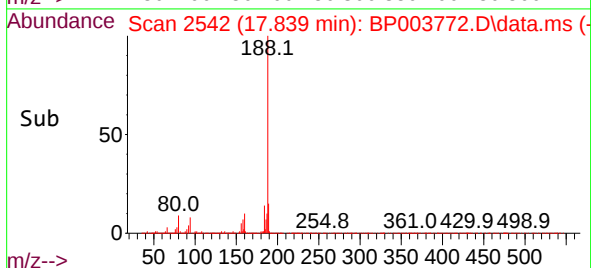
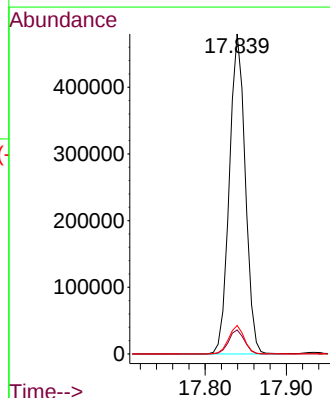
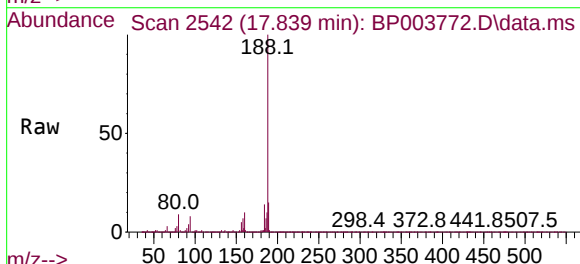
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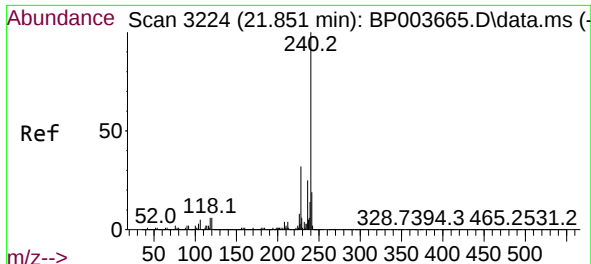
Tgt Ion:149 Resp: 111938
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 14.2 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.012 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion:188 Resp: 652515
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.2
80 8.9 6.2 9.2

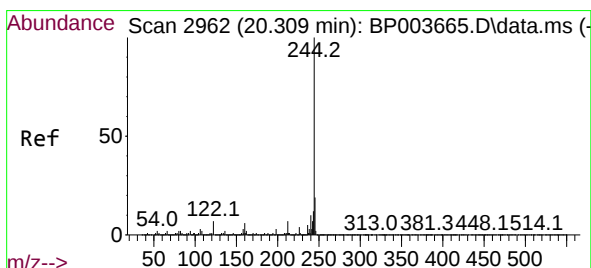
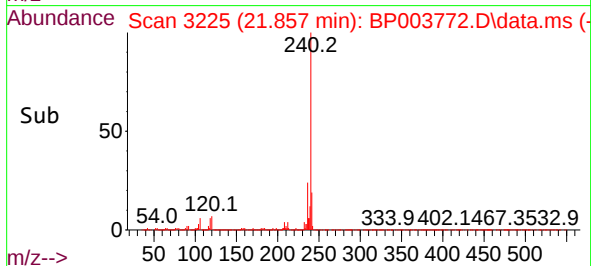
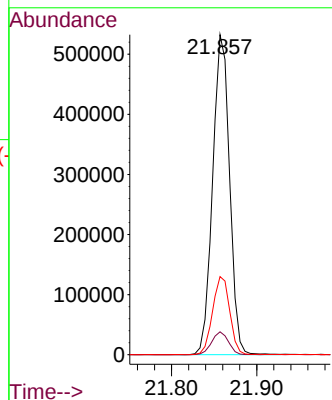
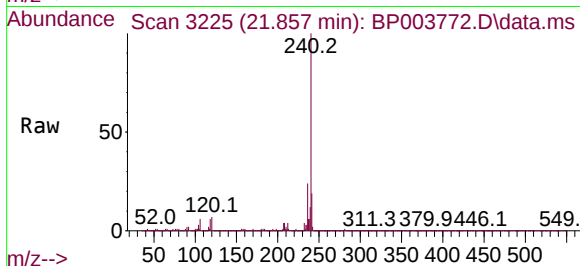




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. 0.012 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

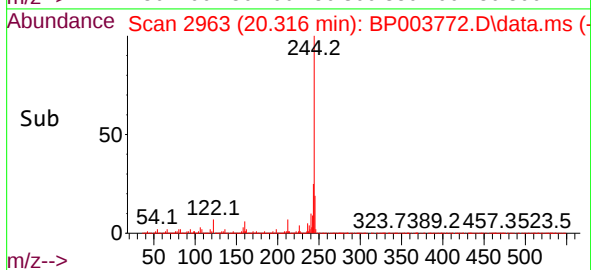
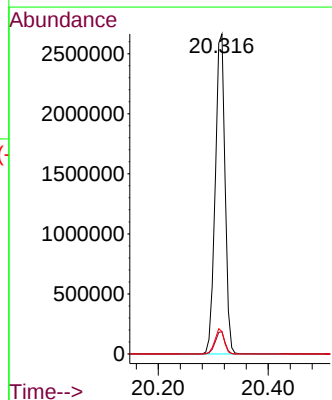
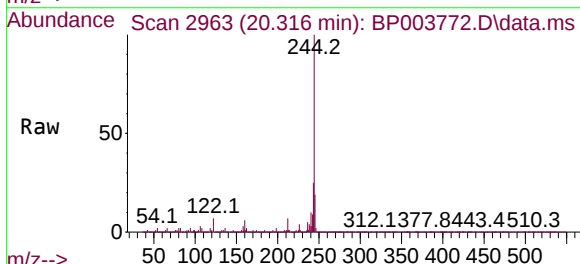
Instrument :
BNA_P
ClientSampleId :
PB132682BL

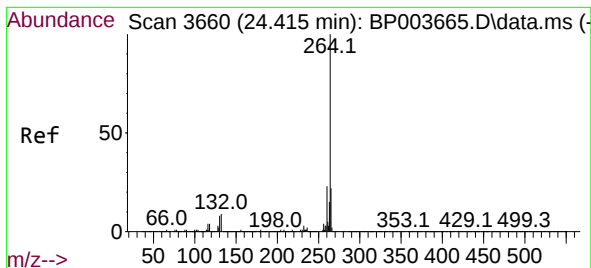
Tgt Ion:240 Resp: 734434
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.6#
236 24.4 20.8 31.2



#79
Terphenyl-d14
Concen: 78.90 ng
RT: 20.316 min Scan# 2963
Delta R.T. 0.018 min
Lab File: BP003772.D
Acq: 28 Oct 2020 16:28

Tgt Ion:244 Resp: 3294947
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 7.0 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.439 min Scan# 3664
 Delta R.T. 0.024 min
 Lab File: BP003772.D
 Acq: 28 Oct 2020 16:28

Instrument :
 BNA_P
 ClientSampleId :
 PB132682BL

Tgt Ion:264 Resp: 753404

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.9	17.4	26.2

