

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050721\
 Data File : BP005455.D
 Acq On : 07 May 2021 12:34
 Operator : CG/JU
 Sample : PB136199BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136199BL

Quant Time: May 07 15:30:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 12:37:06 2021
 Response via : Initial Calibration

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

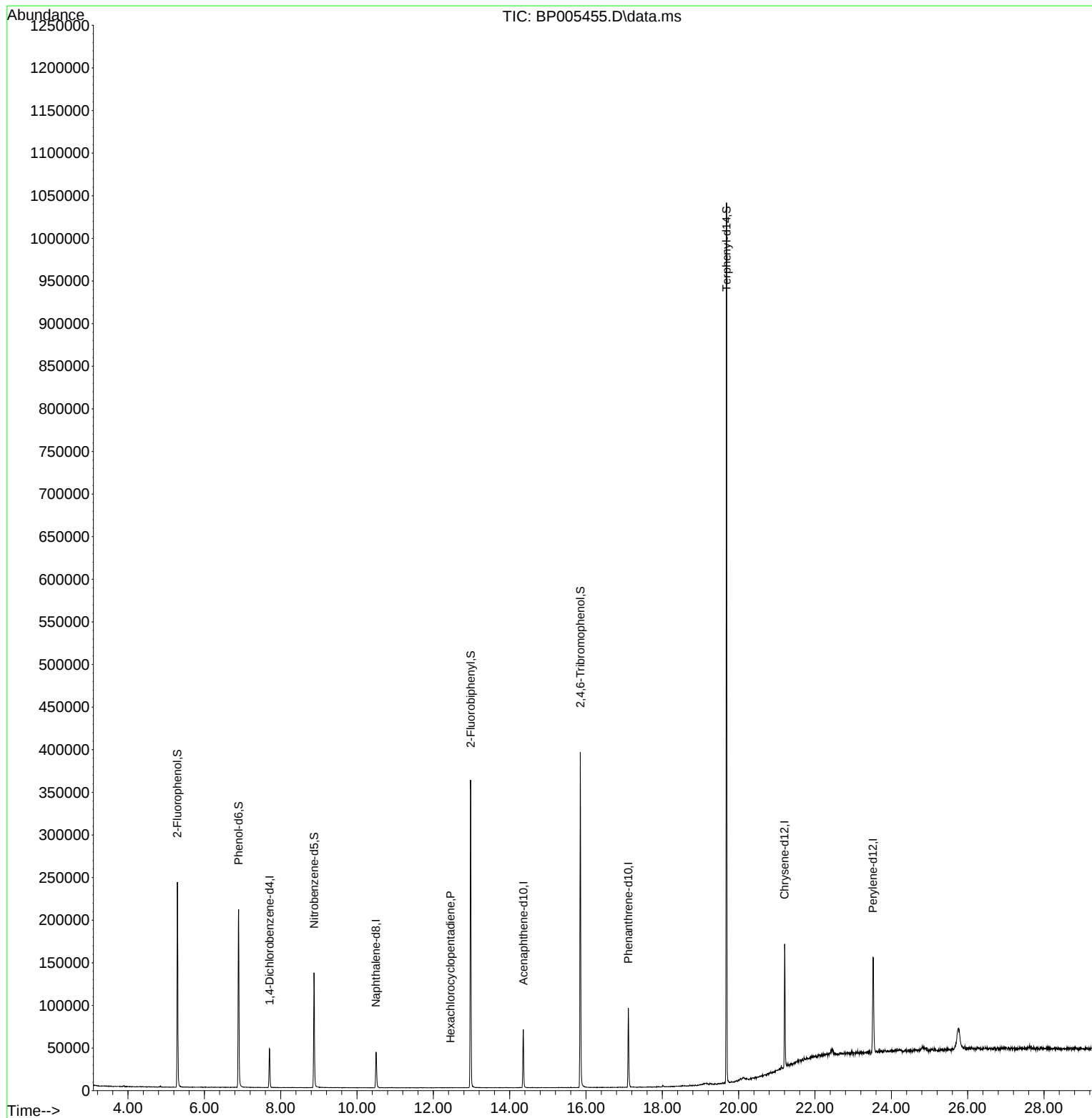
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	9942	20.00	ng	# 0.00
21) Naphthalene-d8	10.499	136	27818	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	21428	20.00	ng	# 0.00
64) Phenanthrene-d10	17.110	188	52291	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	72816	20.00	ng	# 0.00
86) Perylene-d12	23.522	264	89270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	72747	140.42	ng	0.00
7) Phenol-d6	6.899	99	79298	122.76	ng	0.00
23) Nitrobenzene-d5	8.875	82	64371	91.08	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	74099	121.86	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	161829	85.19	ng	0.00
79) Terphenyl-d14	19.681	244	403177	94.03	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	31	Below Cal	#	1
9) Benzaldehyde	6.846	77	16	Below Cal	#	51
41) Hexachlorocyclopentadiene	12.451	237	8	7.89	ng	89

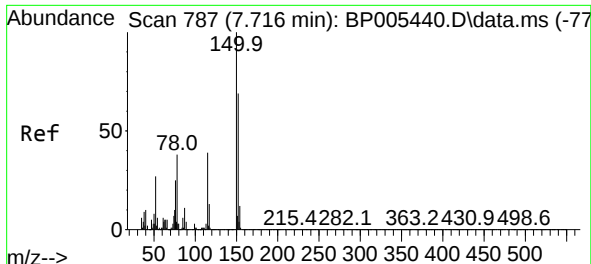
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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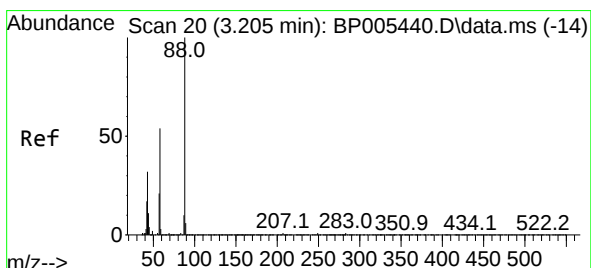
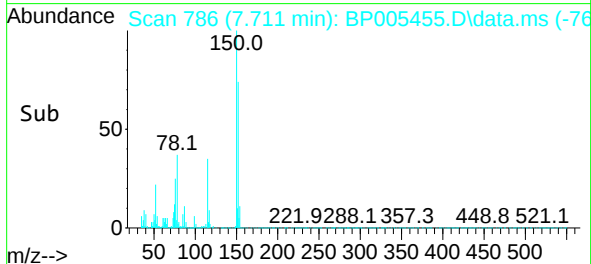
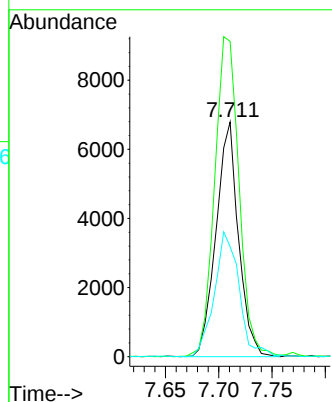
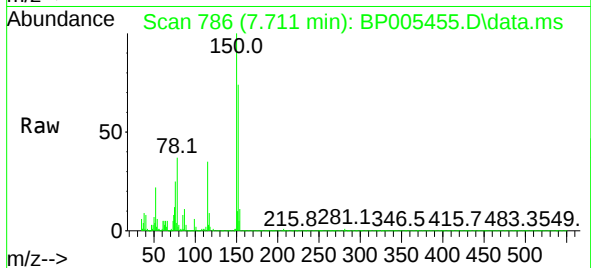




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

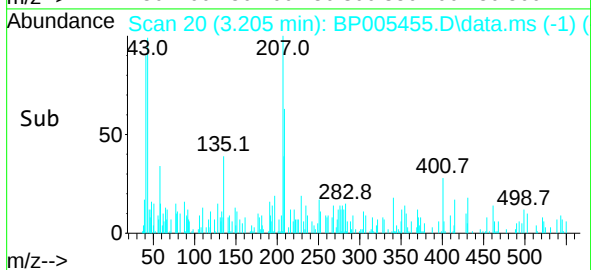
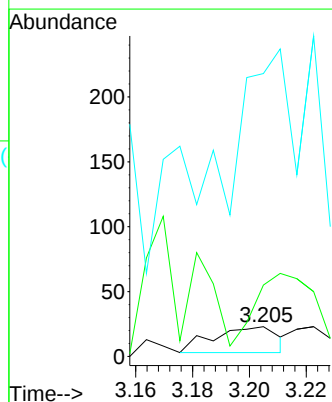
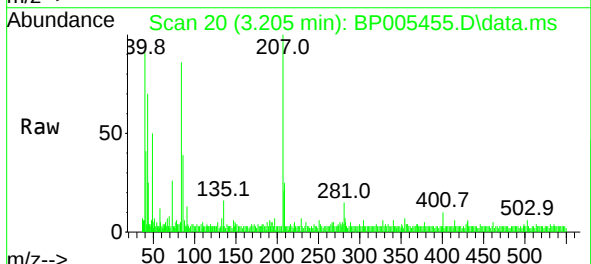
Instrument :
BNA_P
ClientSampleId :
PB136199BL

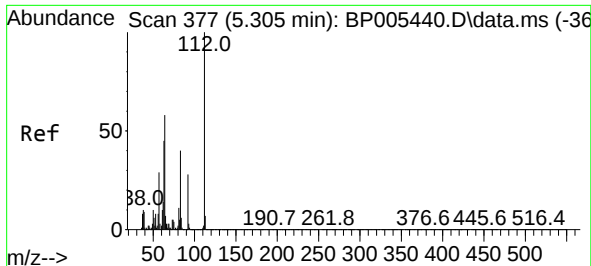
Tgt Ion:152 Resp: 9942
Ion Ratio Lower Upper
152 100
150 134.3 119.8 179.8
115 46.8 49.0 73.4#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.205 min Scan# 20
Delta R.T. 0.012 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
58 296.8 42.5 63.7#
43 619.4 19.8 29.8#

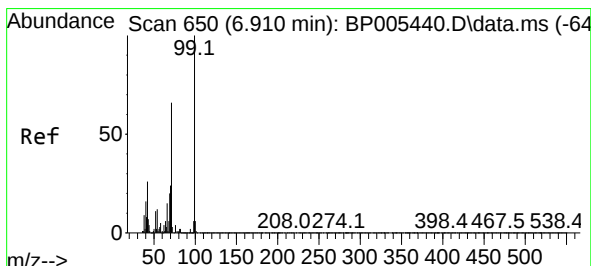
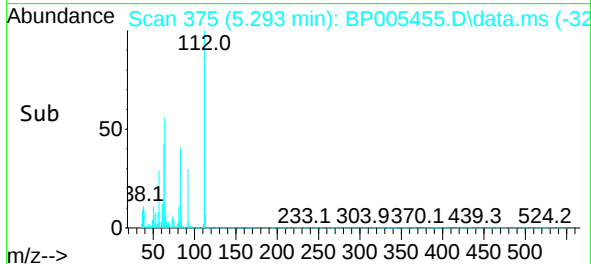
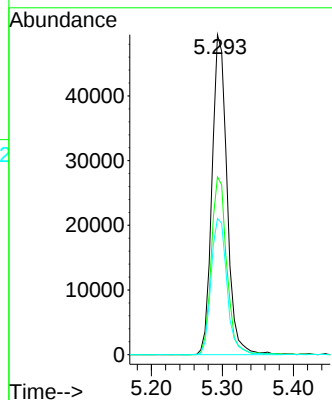
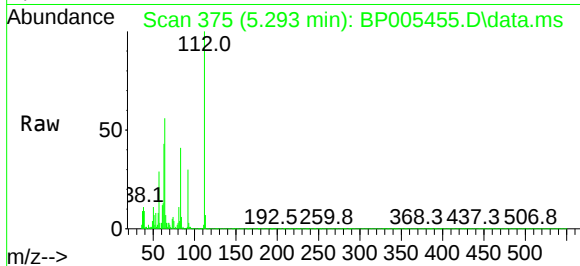




#5
2-Fluorophenol
Concen: 140.42 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

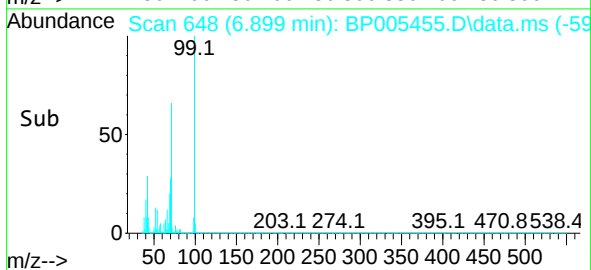
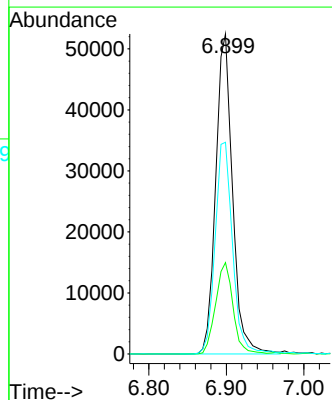
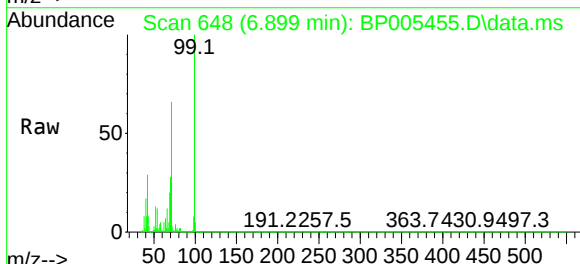
Instrument :
BNA_P
ClientSampleId :
PB136199BL

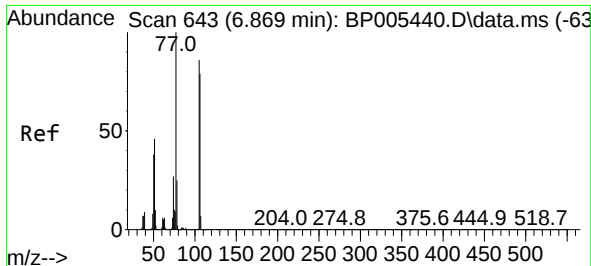
Tgt Ion:112 Resp: 72747
Ion Ratio Lower Upper
112 100
64 55.5 33.6 50.4#
63 42.5 18.6 27.8#



#7
Phenol-d6
Concen: 122.76 ng
RT: 6.899 min Scan# 648
Delta R.T. 0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion: 99 Resp: 79298
Ion Ratio Lower Upper
99 100
42 28.5 12.9 19.3#
71 66.2 26.7 40.1#

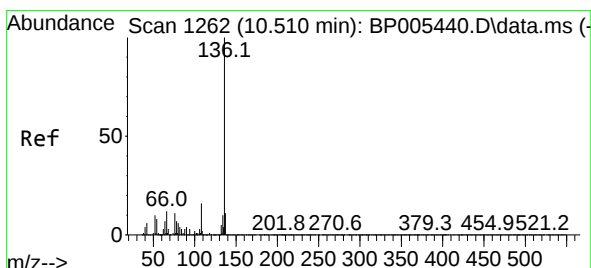
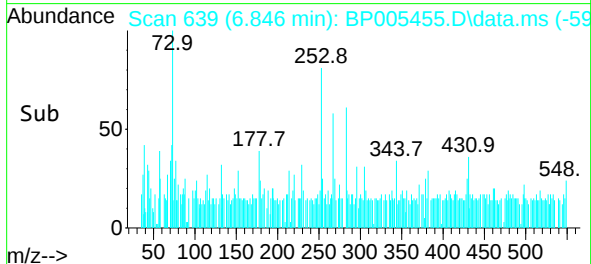
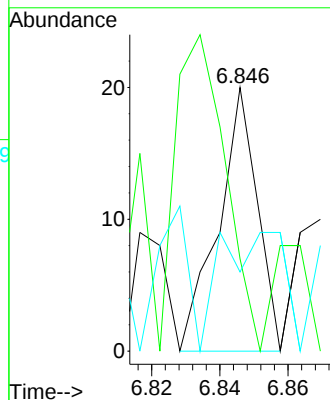
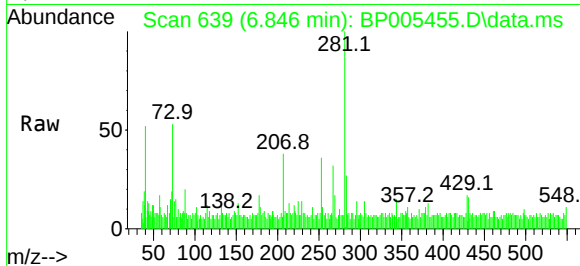




#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 639
Delta R.T. -0.012 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

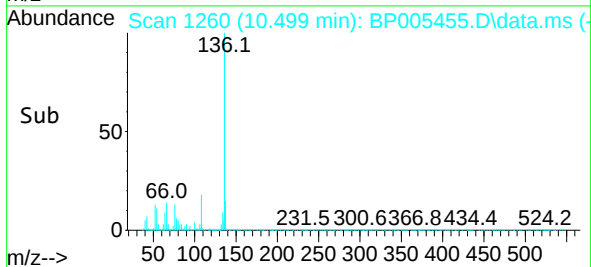
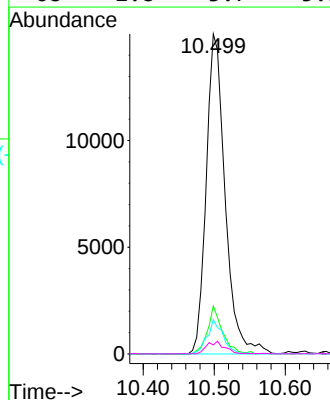
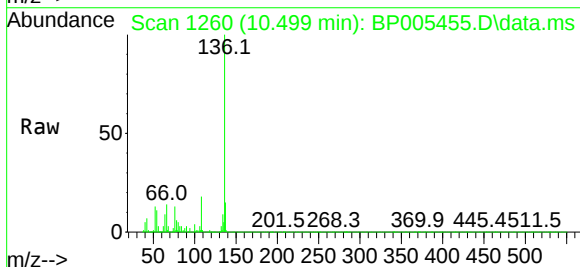
Instrument :
BNA_P
ClientSampleId :
PB136199BL

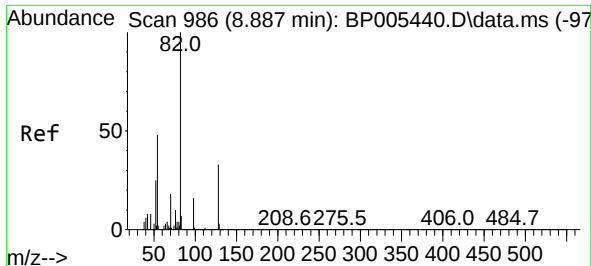
Tgt Ion: 77 Resp: 16
Ion Ratio Lower Upper
77 100
105 35.0 89.4 129.4#
106 75.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion:136 Resp: 27818
Ion Ratio Lower Upper
136 100
137 15.0 8.9 13.3#
54 10.7 5.0 7.4#
68 2.8 3.7 5.5#

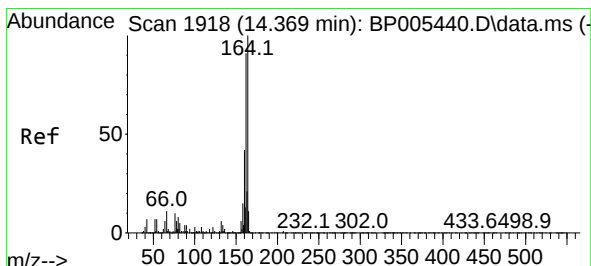
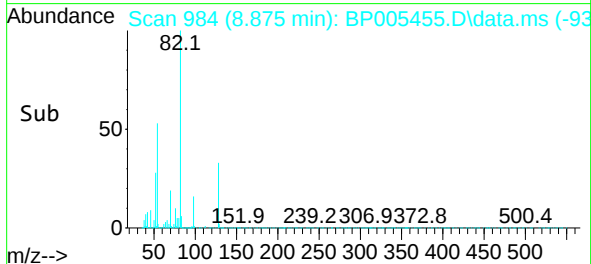
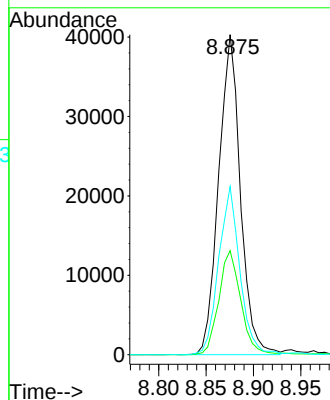
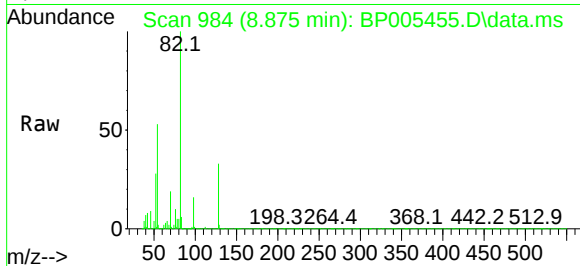




#23
Nitrobenzene-d5
Concen: 91.08 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

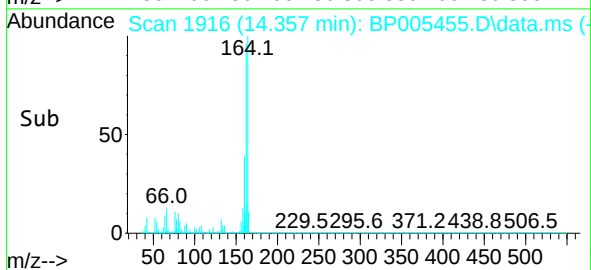
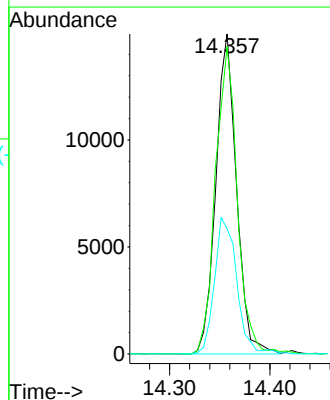
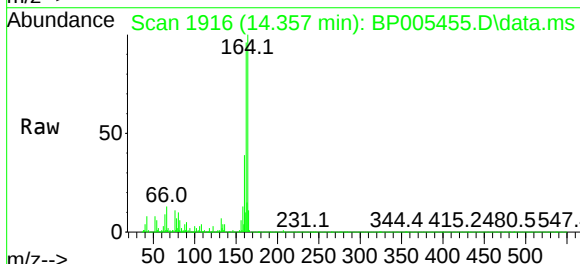
Instrument :
BNA_P
ClientSampleId :
PB136199BL

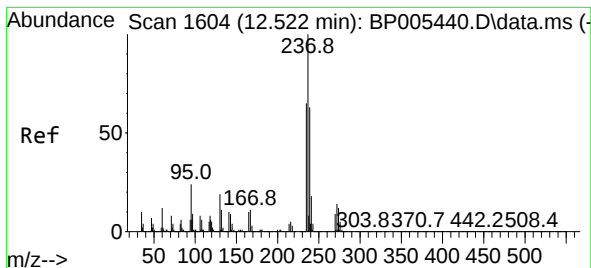
Tgt Ion: 82 Resp: 64371
Ion Ratio Lower Upper
82 100
128 32.5 30.5 45.7
54 52.5 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion: 164 Resp: 21428
Ion Ratio Lower Upper
164 100
162 96.1 73.5 110.3
160 39.2 40.6 61.0#



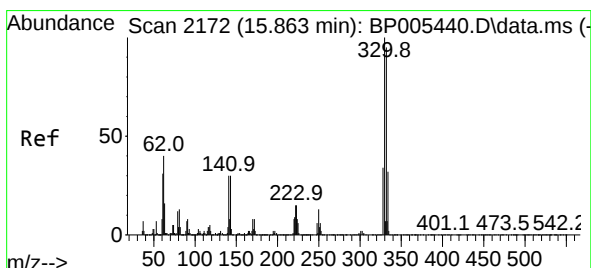
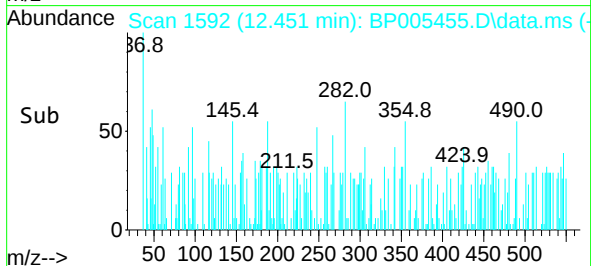
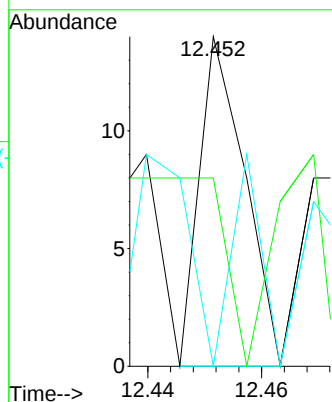
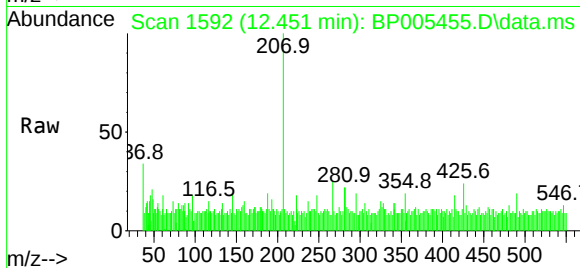


#41

Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.059 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Instrument :
BNA_P
ClientSampleId :
PB136199BL

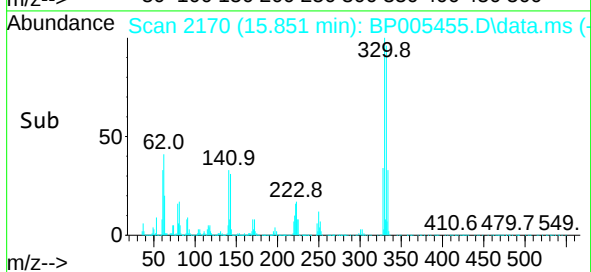
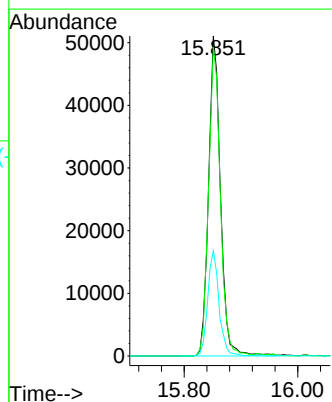
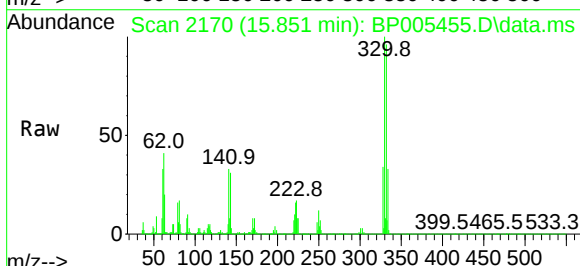
Tgt Ion:237	Resp:	8
Ion Ratio	Lower	Upper
237	100	
235	57.1	40.9 80.9
272	0.0	0.0 34.6

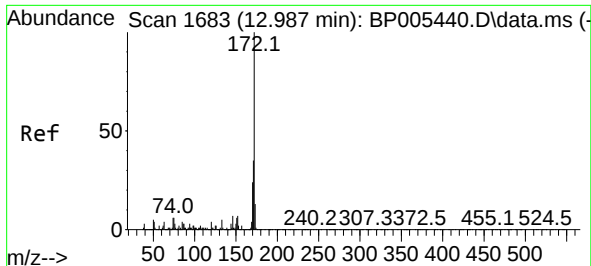


#42

2,4,6-Tribromophenol
Concen: 121.86 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion:330	Resp:	74099
Ion Ratio	Lower	Upper
330	100	
332	95.9	76.3 114.5
141	31.2	22.8 34.2

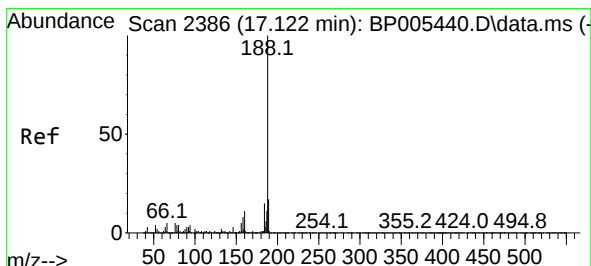
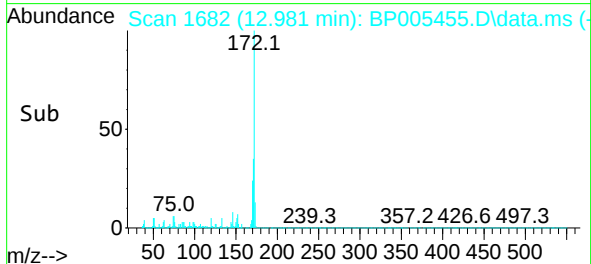
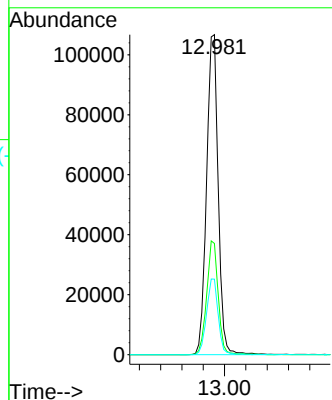
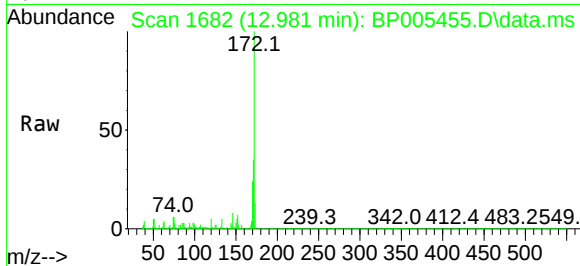




#45
2-Fluorobiphenyl
Concen: 85.19 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

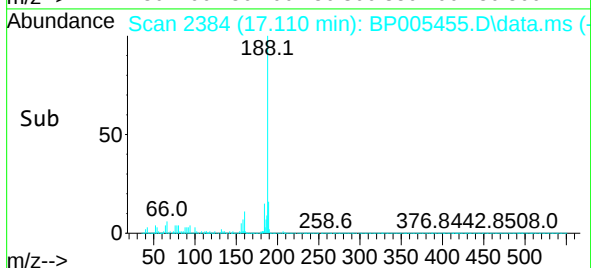
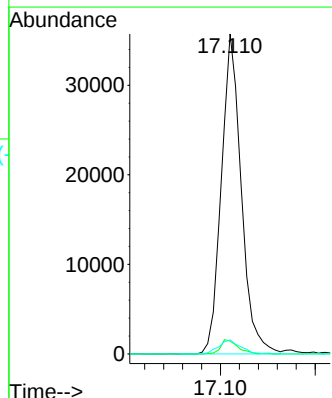
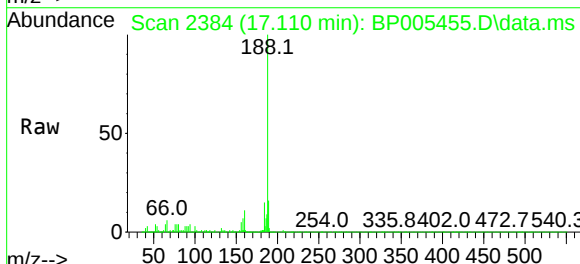
Instrument :
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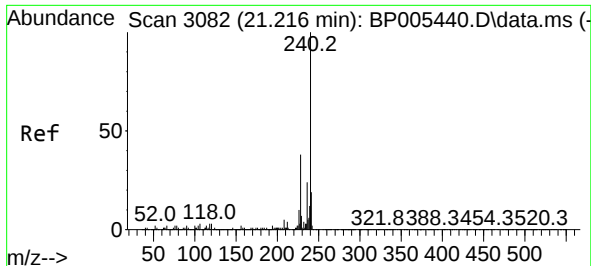
Tgt Ion:172 Resp: 161829
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion:188 Resp: 52291
Ion Ratio Lower Upper
188 100
94 4.1 5.0 7.6#
80 4.4 5.9 8.9#

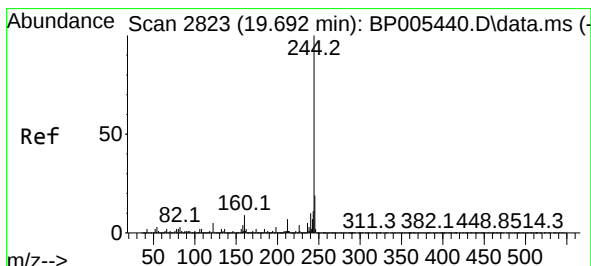
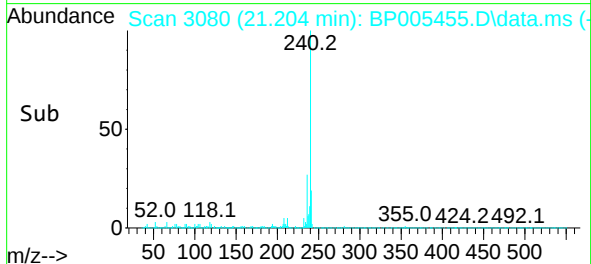
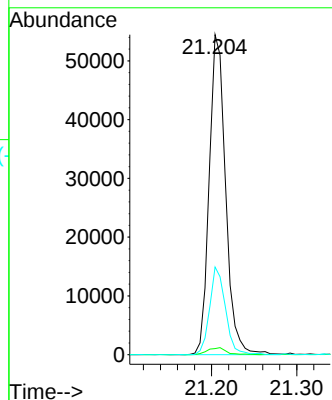
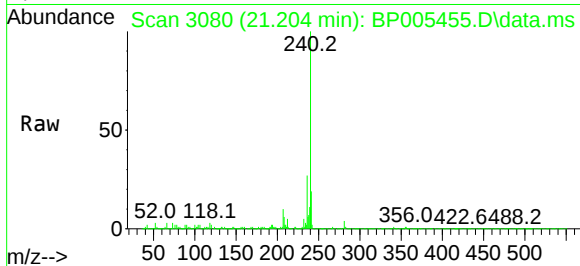




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

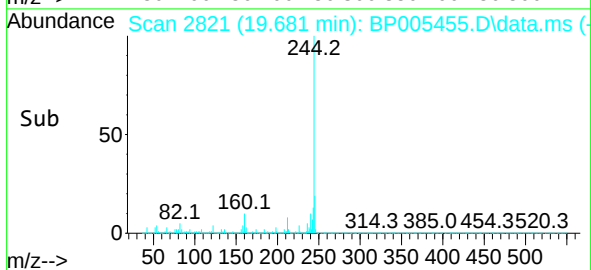
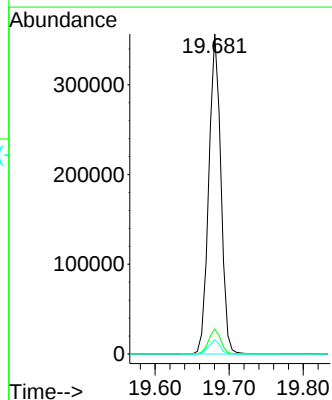
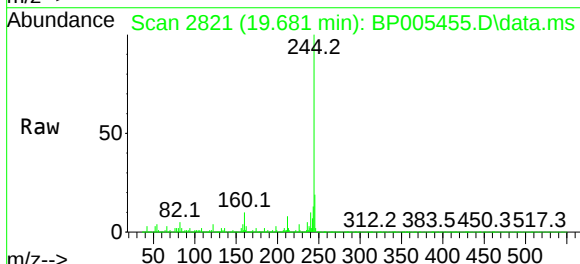
Instrument :
BNA_P
ClientSampleId :
PB136199BL

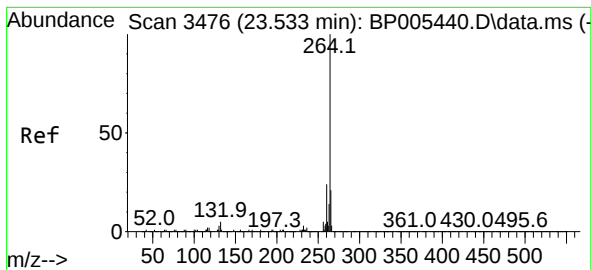
Tgt Ion:240 Resp: 72816
Ion Ratio Lower Upper
240 100
120 1.9 4.2 6.2#
236 27.4 20.2 30.2



#79
Terphenyl-d14
Concen: 94.03 ng
RT: 19.681 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP005455.D
Acq: 07 May 2021 12:34

Tgt Ion:244 Resp: 403177
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 4.4 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.522 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: BP005455.D
 Acq: 07 May 2021 12:34

Instrument :
 BNA_P
 ClientSampleId :
 PB136199BL

Tgt Ion:	264	Resp:	89270
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.6	30.8
265	21.5	19.0	28.6

