

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
 Data File : BP005573.D
 Acq On : 15 May 2021 17:47
 Operator : CG/JU
 Sample : PB136402TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136402TB

Quant Time: May 16 02:46:00 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 14 12:01:17 2021
 Response via : Initial Calibration

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

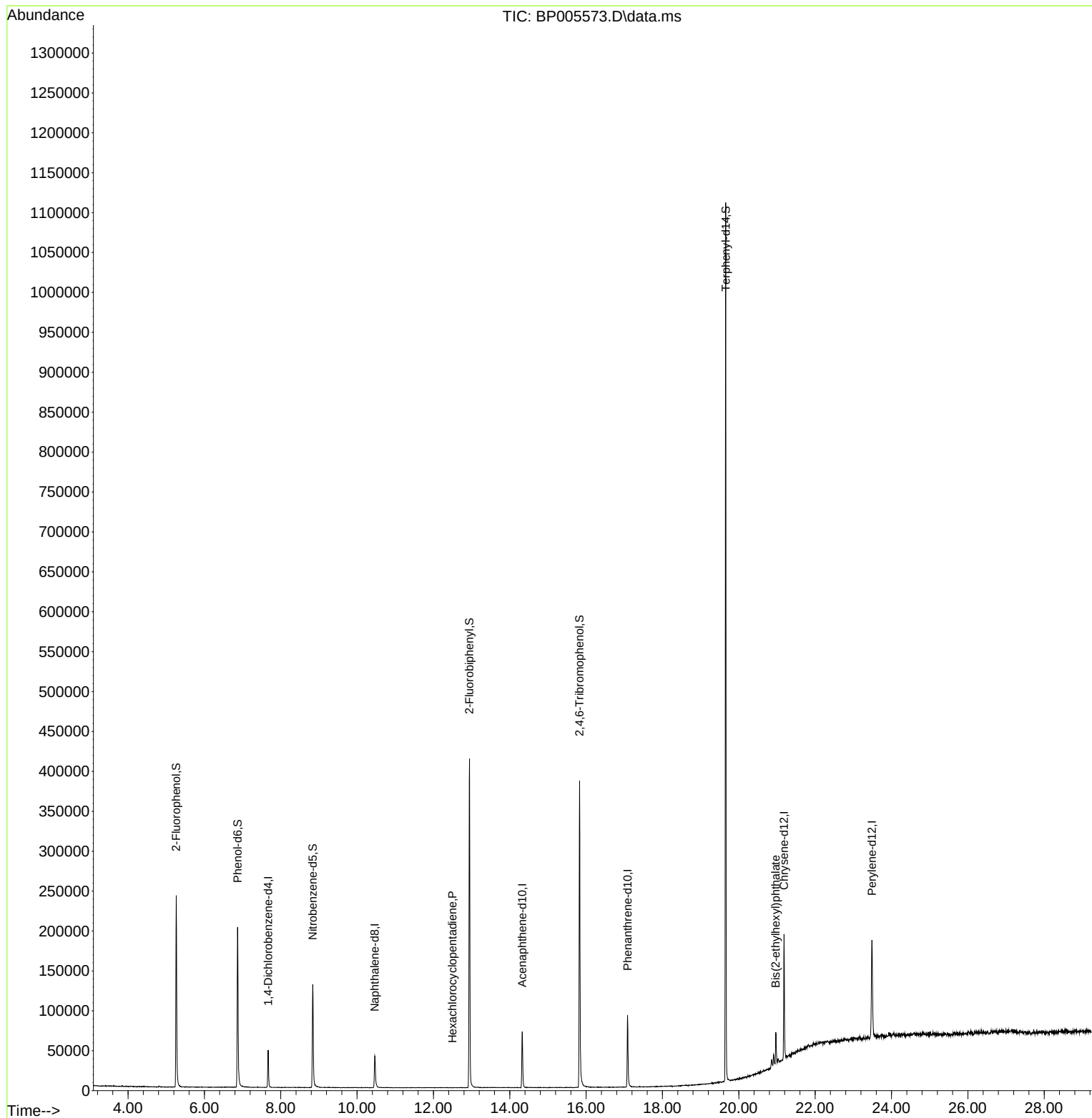
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	9730	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	31768	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	25159	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	58462	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	79107	20.00	ng	# 0.00
86) Perylene-d12	23.486	264	102234	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	75603	149.12	ng	0.00
7) Phenol-d6	6.869	99	85403	135.09	ng	-0.01
23) Nitrobenzene-d5	8.840	82	68949	85.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.828	330	80227	112.37	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	187563	84.10	ng	0.00
79) Terphenyl-d14	19.657	244	436541	93.72	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.152	88	53	Below Cal	#	1
9) Benzaldehyde	7.052	77	17	Below Cal		93
41) Hexachlorocyclopentadiene	12.493	237	16	7.90	ng	90
84) Bis(2-ethylhexyl)phtha...	20.969	149	12342	5.58	ng	# 53

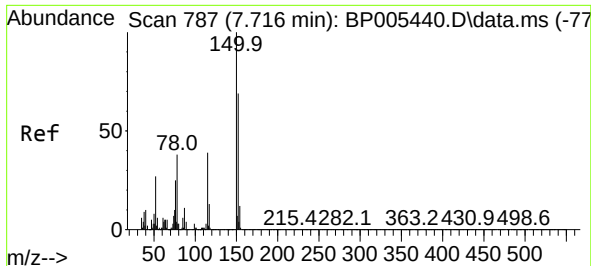
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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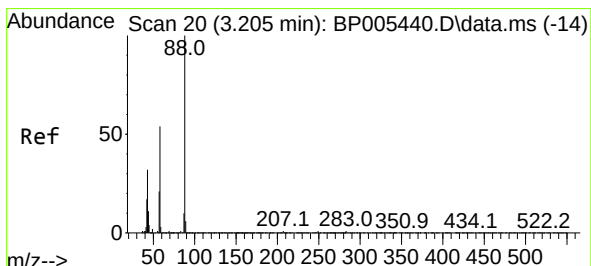
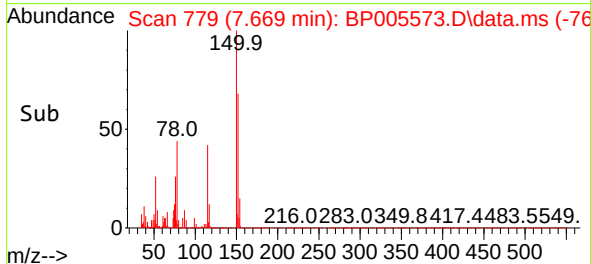
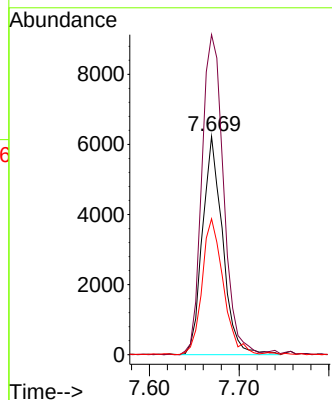
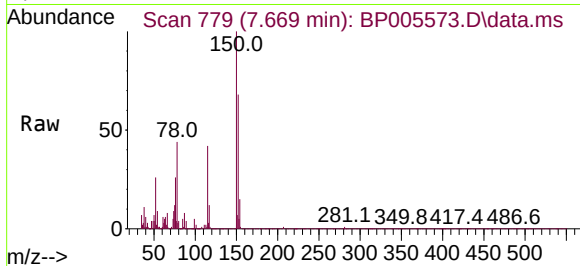




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

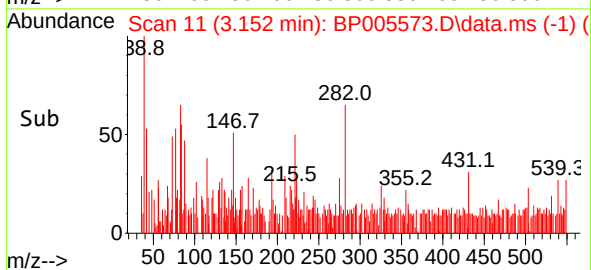
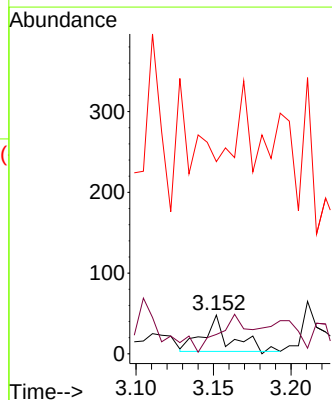
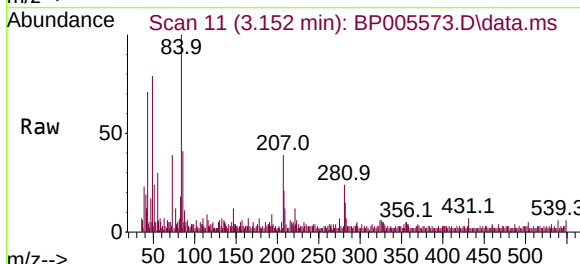
Instrument :
BNA_P
ClientSampleId :
PB136402TB

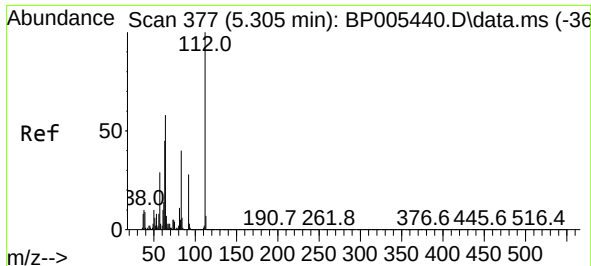
Tgt Ion:152 Resp: 9730
Ion Ratio Lower Upper
152 100
150 146.6 119.8 179.8
115 62.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.152 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
58 113.2 42.5 63.7#
43 379.2 19.8 29.8#

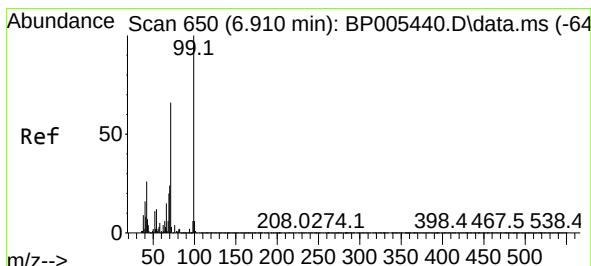
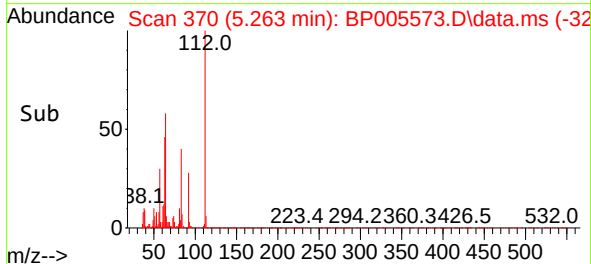
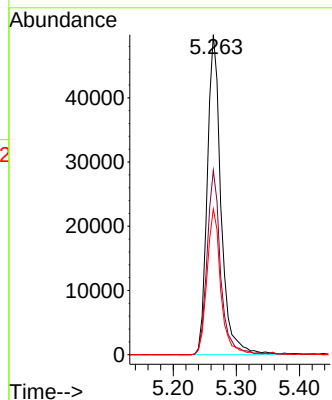
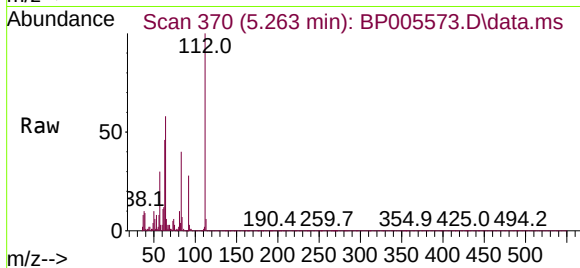




#5
2-Fluorophenol
Concen: 149.12 ng
RT: 5.263 min Scan# 370
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

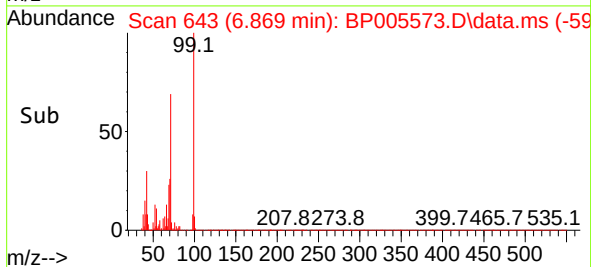
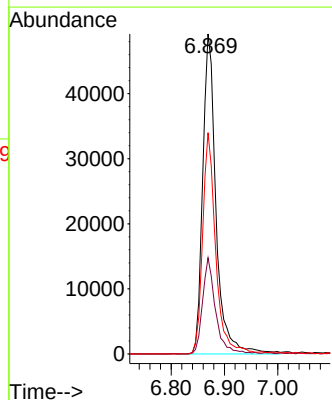
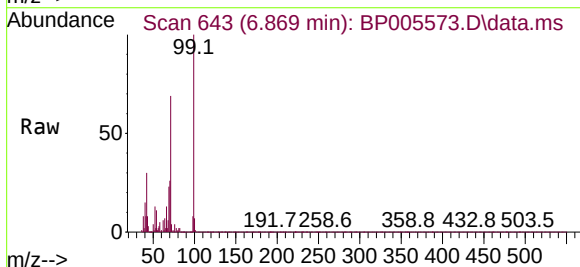
Instrument :
BNA_P
ClientSampleId :
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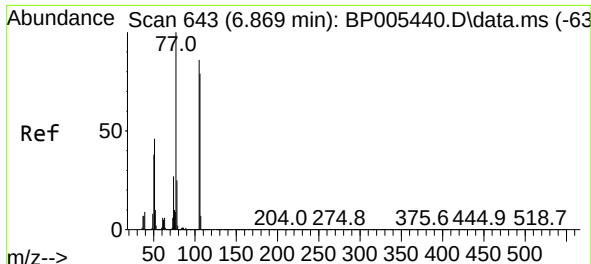
Tgt Ion:112 Resp: 75603
Ion Ratio Lower Upper
112 100
64 57.6 33.6 50.4#
63 45.5 18.6 27.8#



#7
Phenol-d6
Concen: 135.09 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion: 99 Resp: 85403
Ion Ratio Lower Upper
99 100
42 30.0 12.9 19.3#
71 69.2 26.7 40.1#

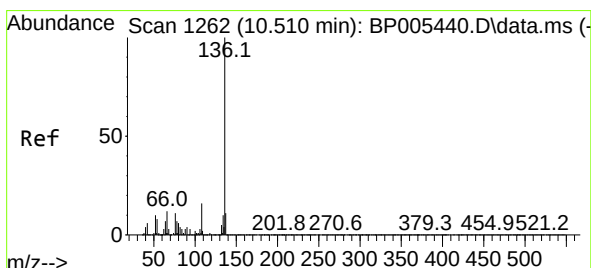
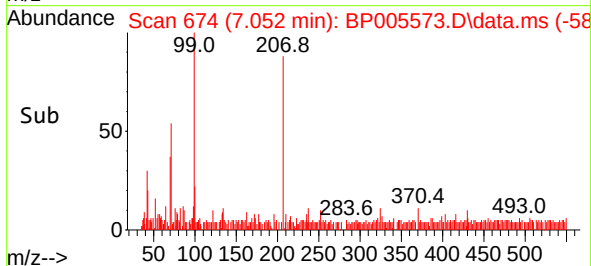
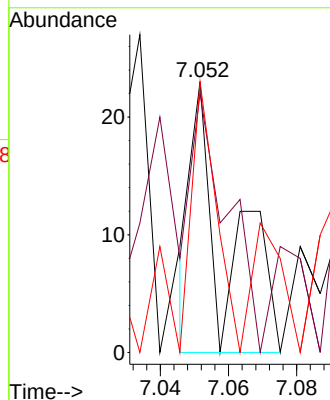
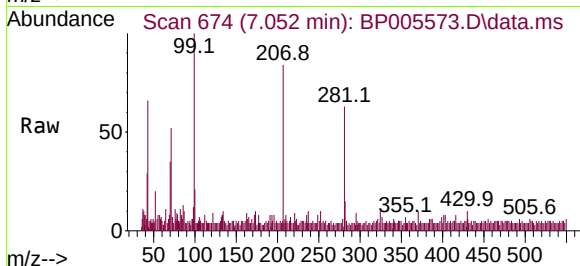




#9
Benzaldehyde
Concen: Below Cal
RT: 7.052 min Scan# 674
Delta R.T. 0.223 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

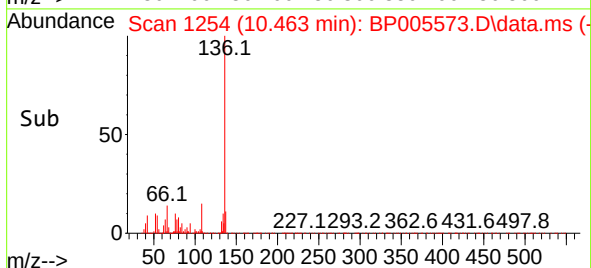
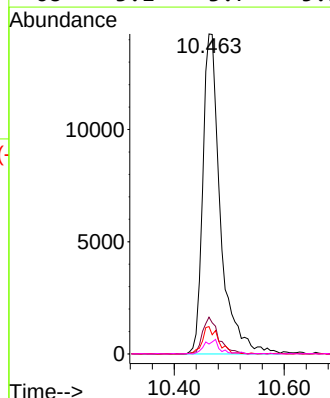
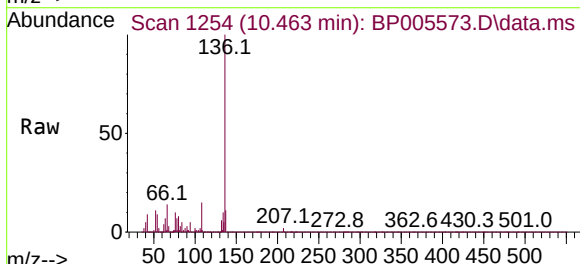
Instrument :
BNA_P
ClientSampleId :
PB136402TB

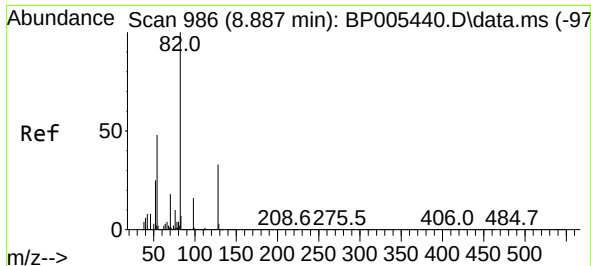
Tgt Ion: 77 Resp: 17
Ion Ratio Lower Upper
77 100
105 95.7 89.4 129.4
106 100.0 79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion: 136 Resp: 31768
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.6 5.0 7.4#
68 3.1 3.7 5.5#

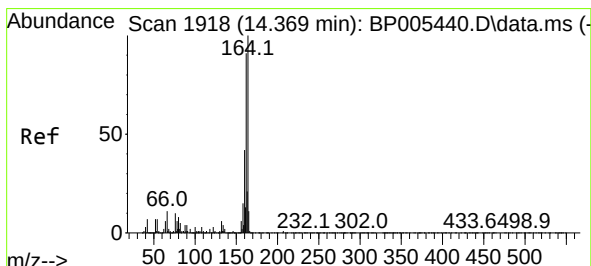
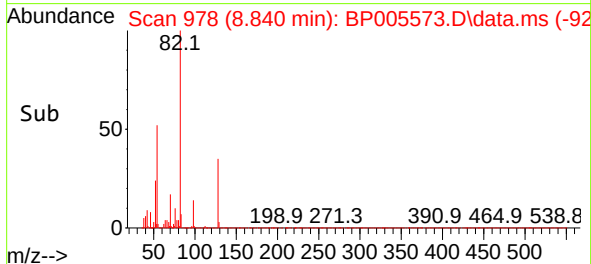
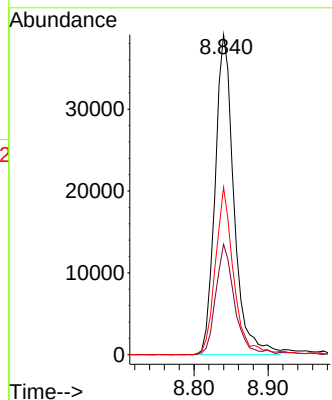
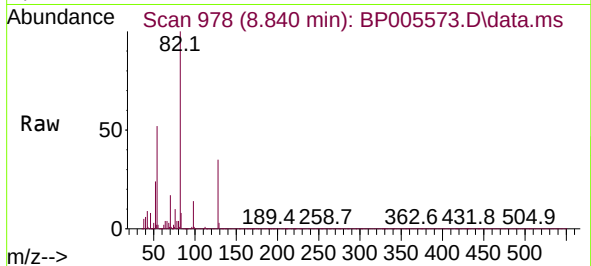




#23
Nitrobenzene-d5
Concen: 85.43 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

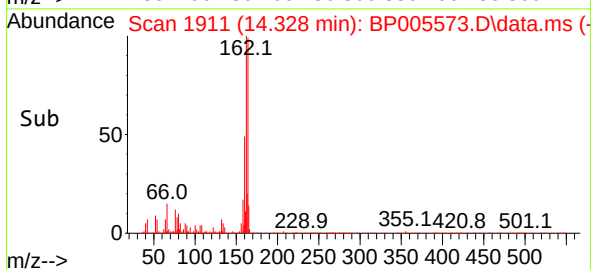
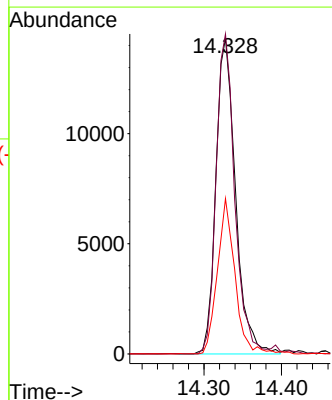
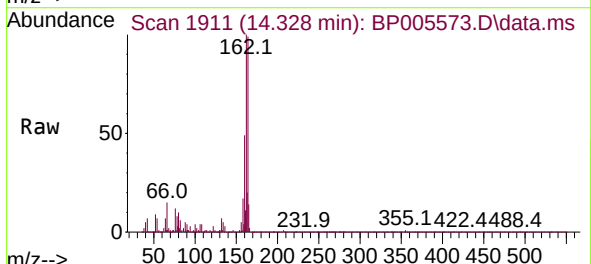
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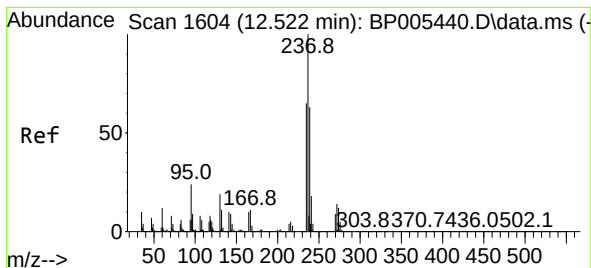
Tgt Ion: 82 Resp: 68949
Ion Ratio Lower Upper
82 100
128 34.5 30.5 45.7
54 52.3 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion: 164 Resp: 25159
Ion Ratio Lower Upper
164 100
162 101.4 73.5 110.3
160 49.2 40.6 61.0

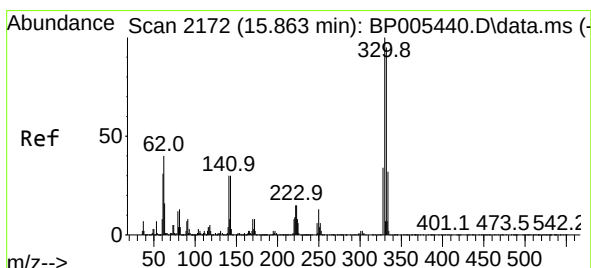
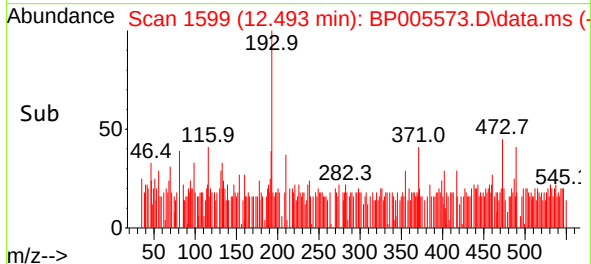
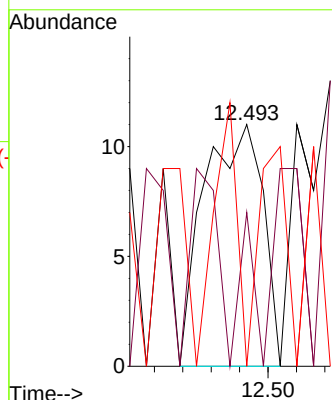
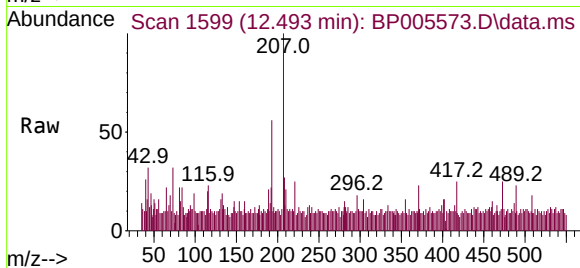




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.493 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

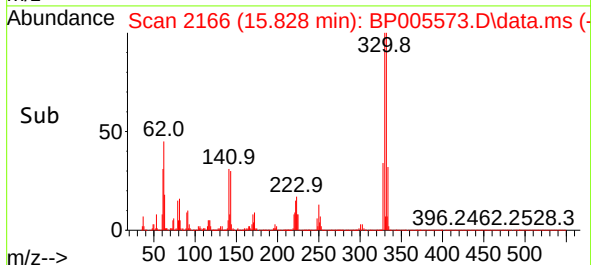
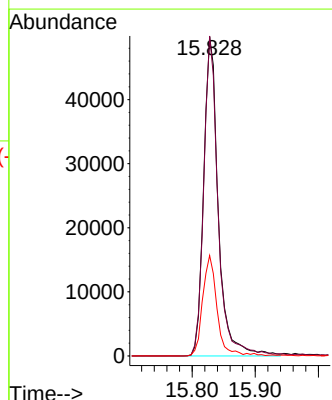
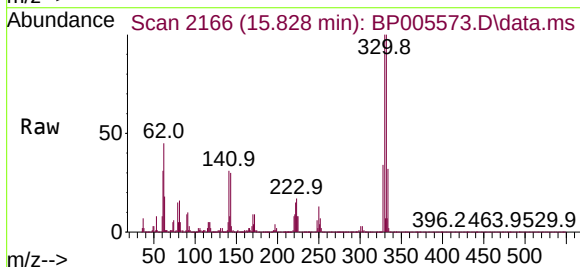
Instrument :
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ClientSampleId :
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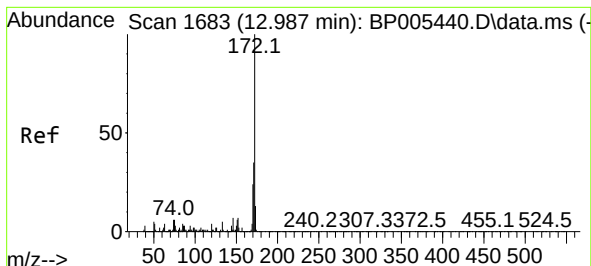
Tgt Ion:	237	Resp:	16
Ion	Ratio	Lower	Upper
237	100		
235	63.6	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 112.37 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion:	330	Resp:	80227
Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.3	114.5
141	31.0	22.8	34.2

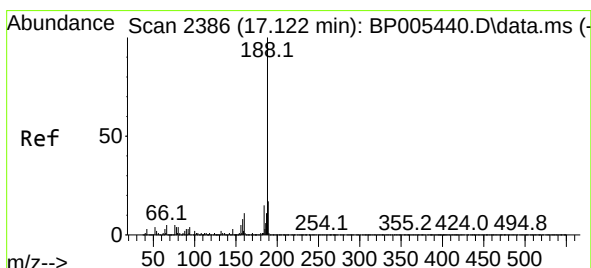
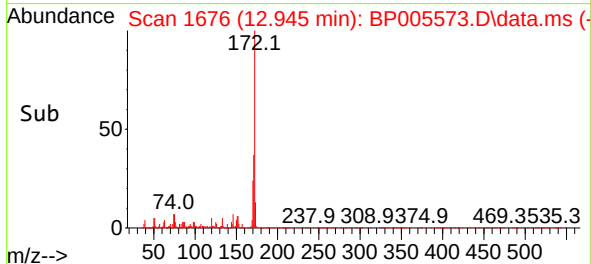
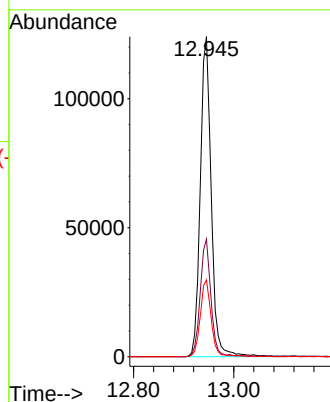
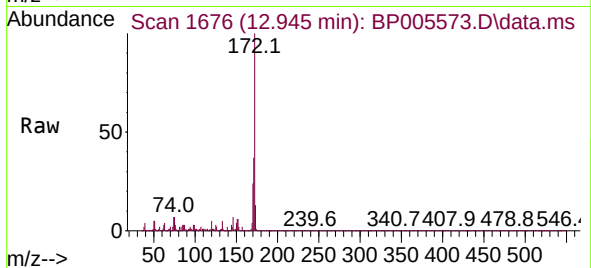




#45
2-Fluorobiphenyl
Concen: 84.10 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

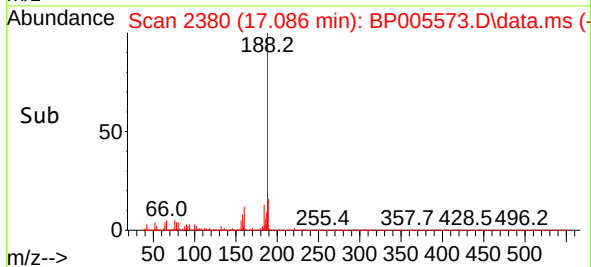
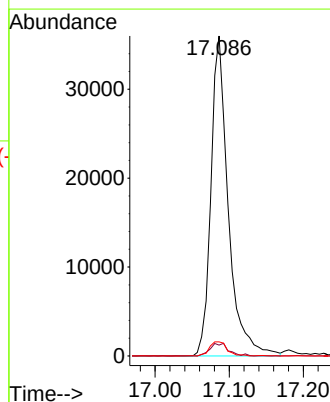
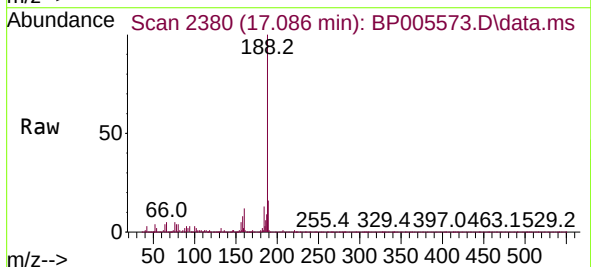
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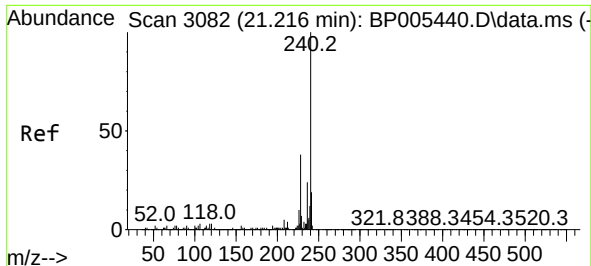
Tgt Ion:172 Resp: 187563
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.0 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion:188 Resp: 58462
Ion Ratio Lower Upper
188 100
94 3.4 5.0 7.6#
80 4.4 5.9 8.9#

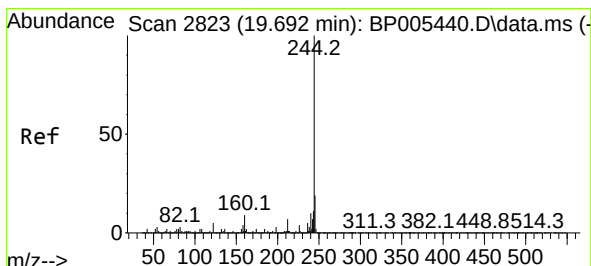
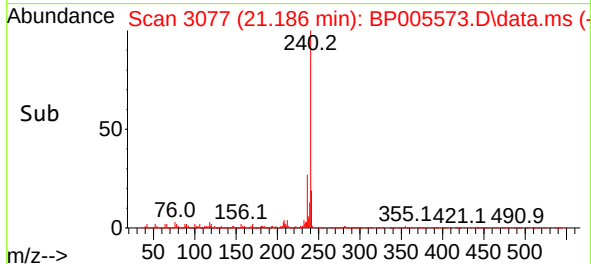
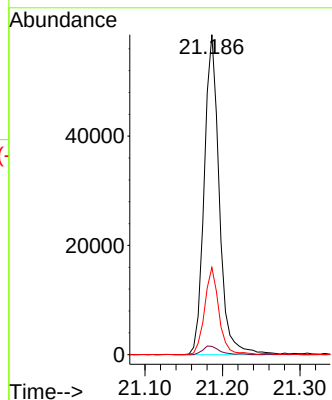
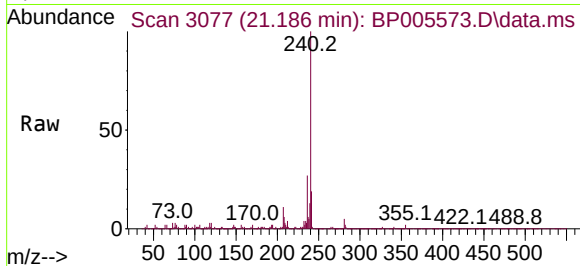




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

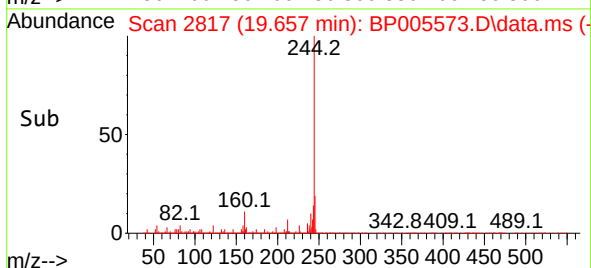
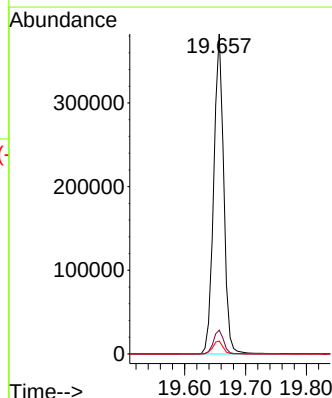
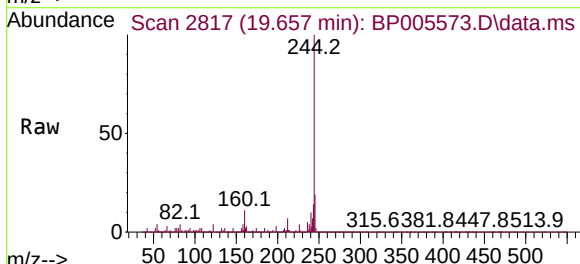
Instrument :
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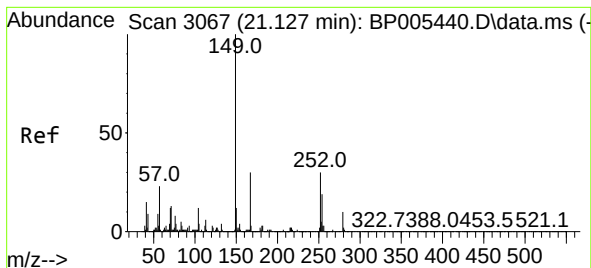
Tgt Ion:240 Resp: 79107
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 27.3 20.2 30.2



#79
Terphenyl-d14
Concen: 93.72 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion:244 Resp: 436541
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 4.1 5.2 7.8#



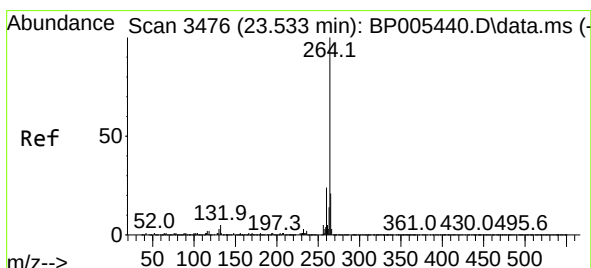
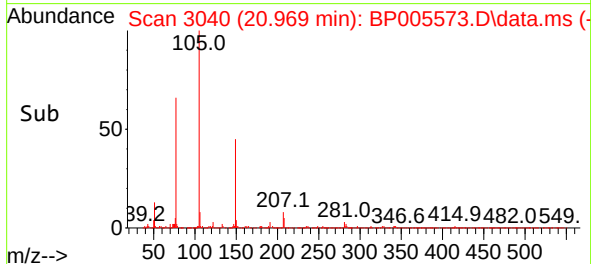
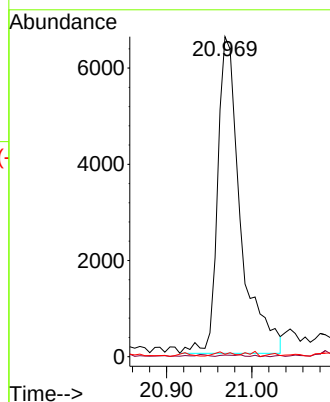
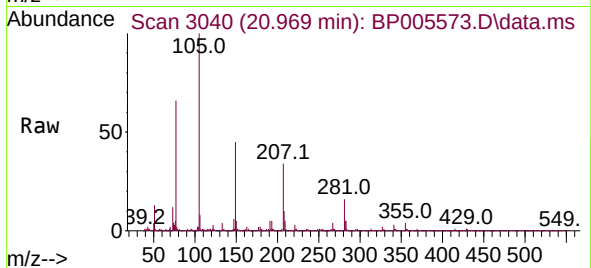


#84

Bis(2-ethylhexyl)phthalate
Concen: 5.58 ng
RT: 20.969 min Scan# 3040
Delta R.T. -0.129 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Instrument :
BNA_P
ClientSampleId :
PB136402TB

Tgt Ion:149 Resp: 12342
Ion Ratio Lower Upper
149 100
167 0.6 23.8 35.8#
279 0.8 5.7 8.5#



#86

Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.012 min
Lab File: BP005573.D
Acq: 15 May 2021 17:47

Tgt Ion:264 Resp: 102234
Ion Ratio Lower Upper
264 100
260 24.7 20.6 30.8
265 21.2 19.0 28.6

