

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
 Data File : BP005574.D
 Acq On : 15 May 2021 18:21
 Operator : CG/JU
 Sample : SP5562
 Misc : 8270 SURROGATE
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP5562

Quant Time: May 16 02:46:13 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)

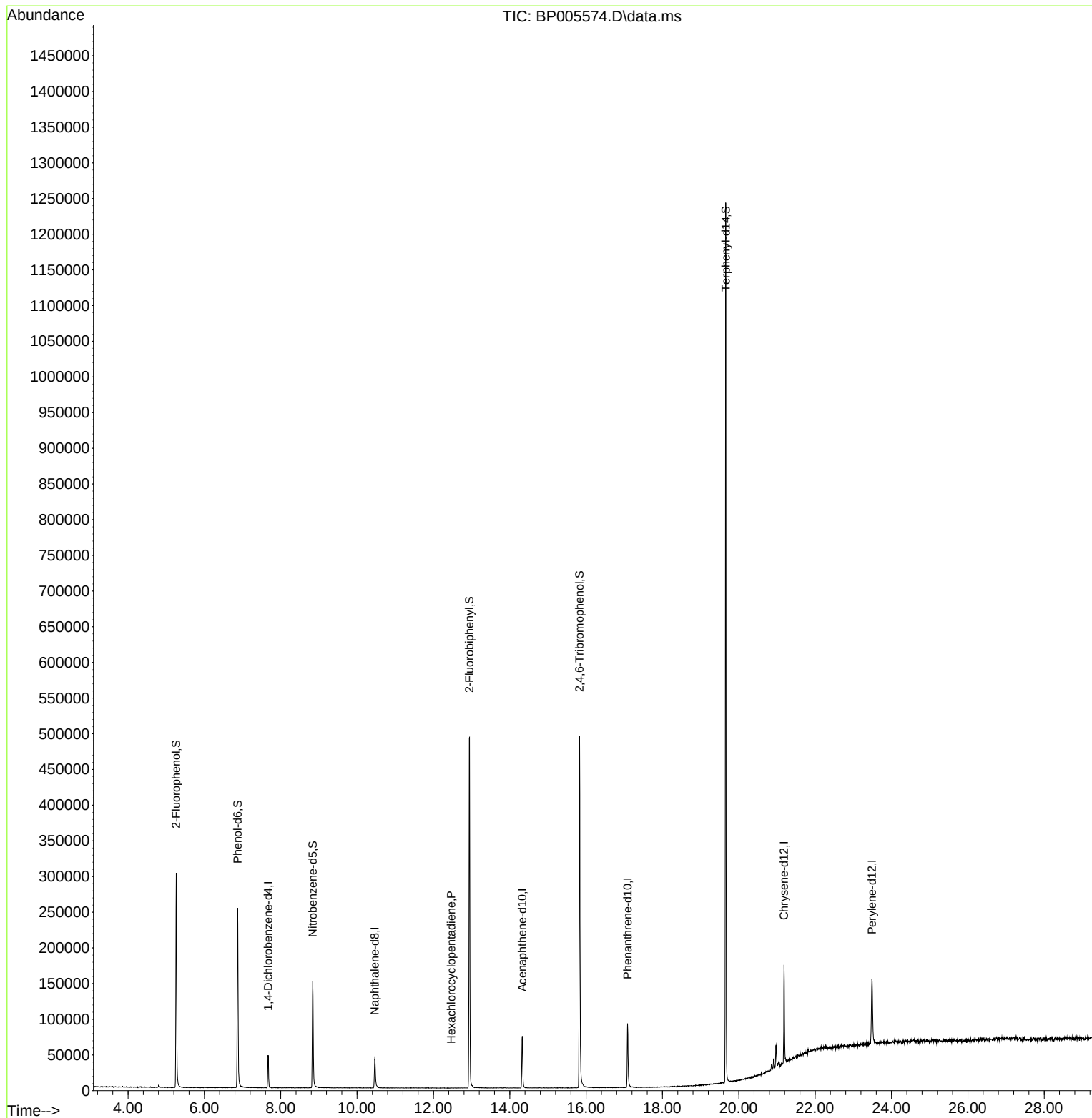
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	9779	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	30721	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	25842	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	61801	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	69736	20.00	ng	# 0.00
86) Perylene-d12	23.486	264	80174	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	93157	182.82	ng	0.00
7) Phenol-d6	6.869	99	103777	163.33	ng	-0.01
23) Nitrobenzene-d5	8.840	82	78308	100.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.828	330	102698	140.04	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	228390	99.70	ng	0.00
79) Terphenyl-d14	19.657	244	492917	120.04	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	8	Below Cal	#	1
9) Benzaldehyde	6.816	77	30	Below Cal	#	36
41) Hexachlorocyclopentadiene	12.463	237	12	7.89	ng	73

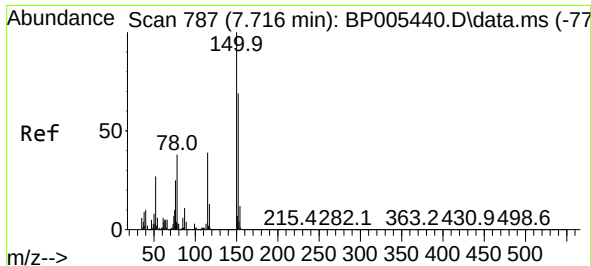
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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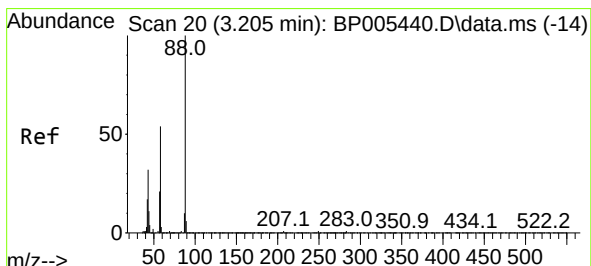
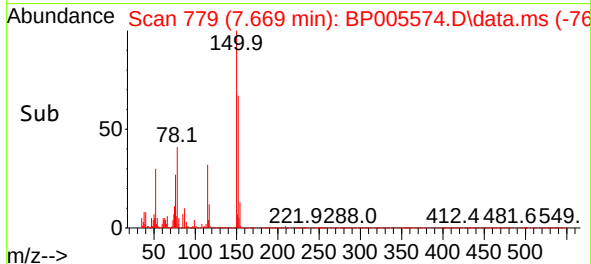
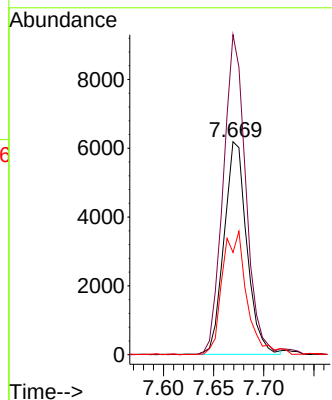
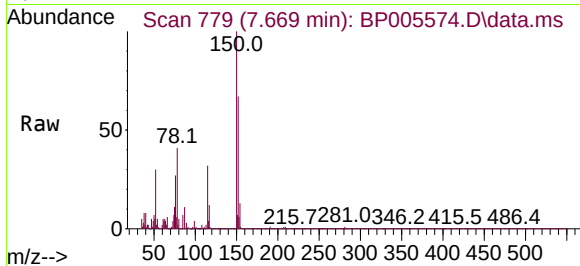




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

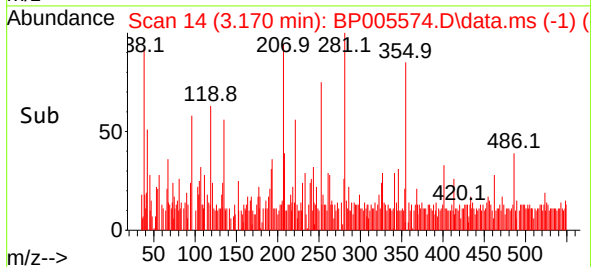
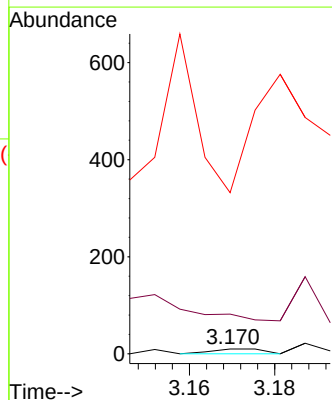
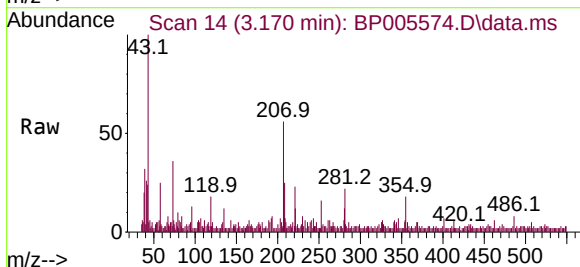
Instrument :
BNA_P
ClientSampled :
SP5562

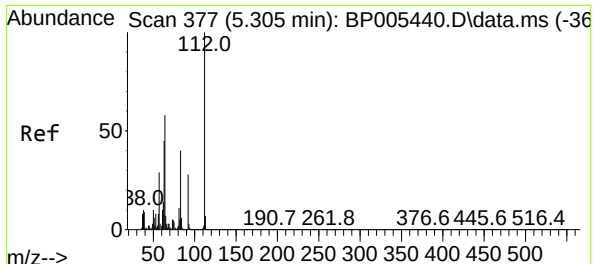
Tgt Ion:152 Resp: 9779
Ion Ratio Lower Upper
152 100
150 150.2 119.8 179.8
115 48.0 49.0 73.4#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.170 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion: 88 Resp: 8
Ion Ratio Lower Upper
88 100
58 1725.0 42.5 63.7#
43 1762.5 19.8 29.8#

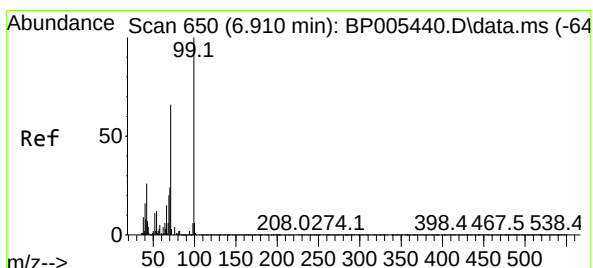
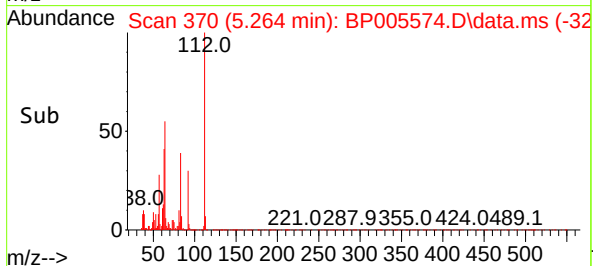
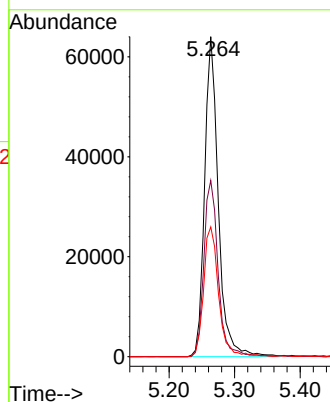
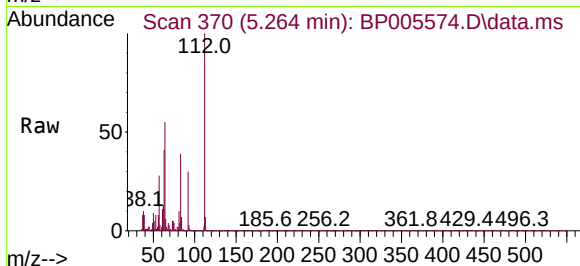




#5
2-Fluorophenol
Concen: 182.82 ng
RT: 5.264 min Scan# 370
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

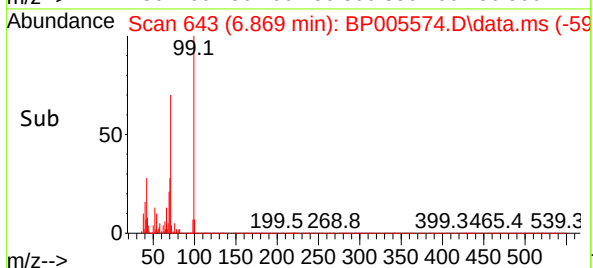
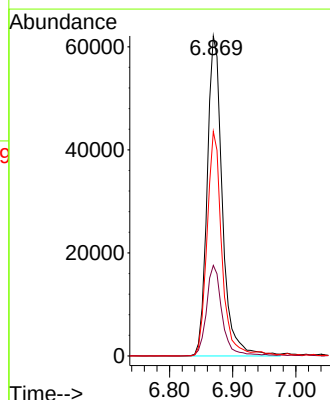
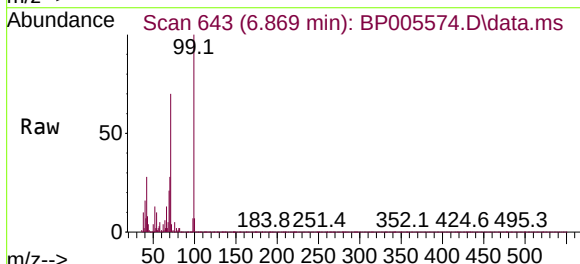
Instrument :
BNA_P
ClientSampleId :
SP5562

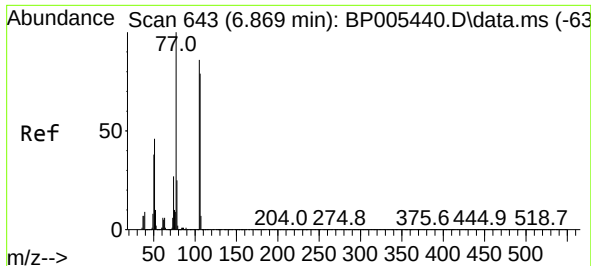
Tgt Ion:112 Resp: 93157
Ion Ratio Lower Upper
112 100
64 55.0 33.6 50.4#
63 40.6 18.6 27.8#



#7
Phenol-d6
Concen: 163.33 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion: 99 Resp: 103777
Ion Ratio Lower Upper
99 100
42 28.3 12.9 19.3#
71 70.1 26.7 40.1#

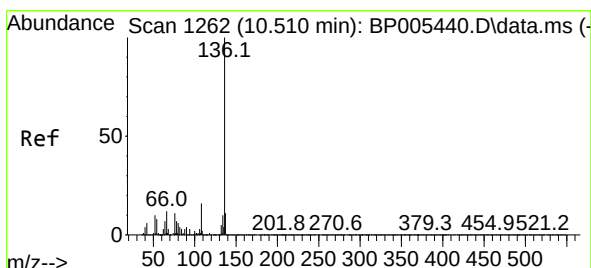
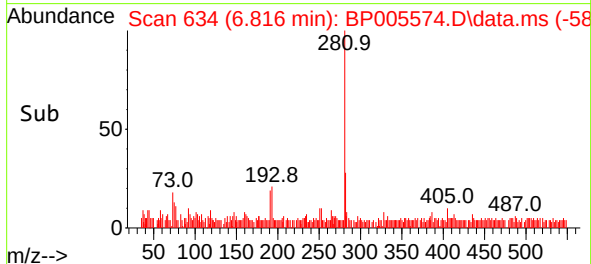
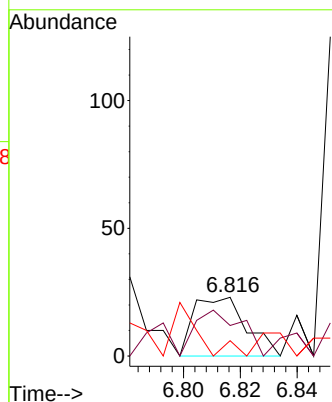
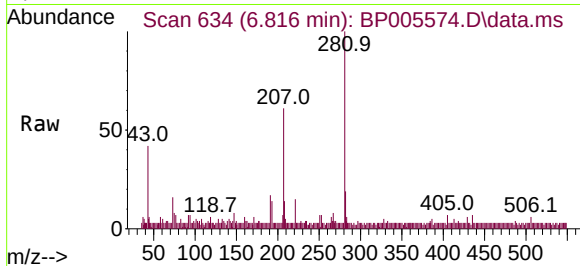




#9
Benzaldehyde
Concen: Below Cal
RT: 6.816 min Scan# 634
Delta R.T. -0.012 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

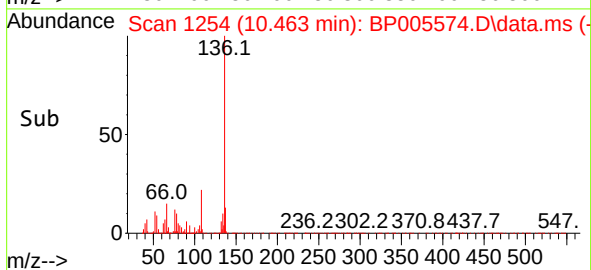
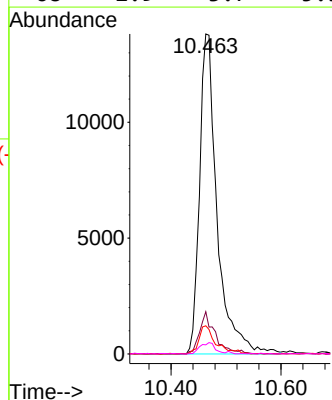
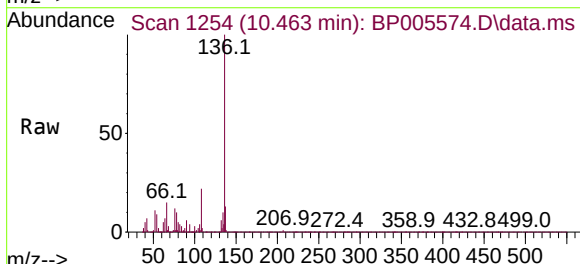
Instrument :
BNA_P
ClientSampled :
SP5562

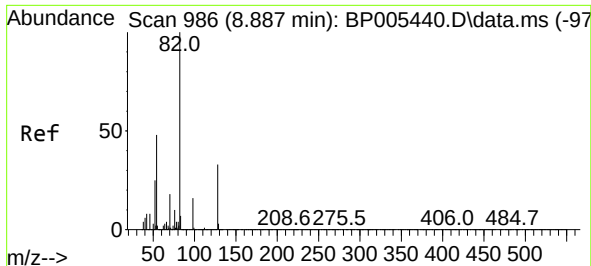
Tgt Ion: 77 Resp: 30
Ion Ratio Lower Upper
77 100
105 52.2 89.4 129.4#
106 26.1 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion:136 Resp: 30721
Ion Ratio Lower Upper
136 100
137 13.2 8.9 13.3
54 8.8 5.0 7.4#
68 2.9 3.7 5.5#

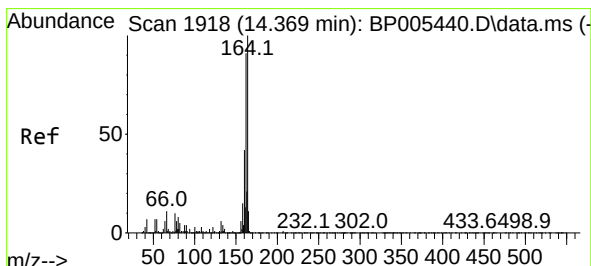
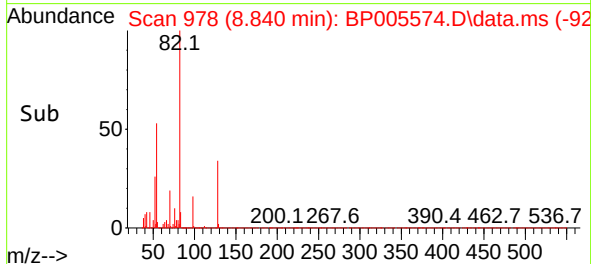
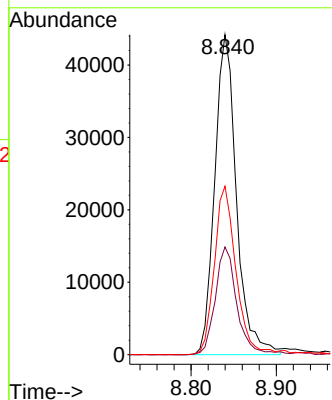
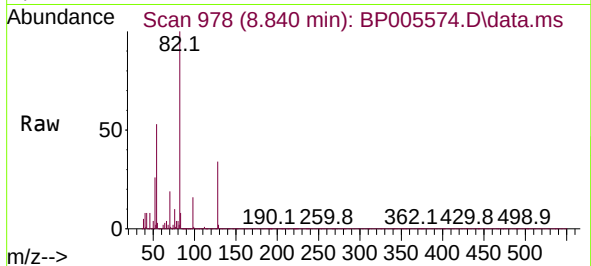




#23
Nitrobenzene-d5
Concen: 100.33 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

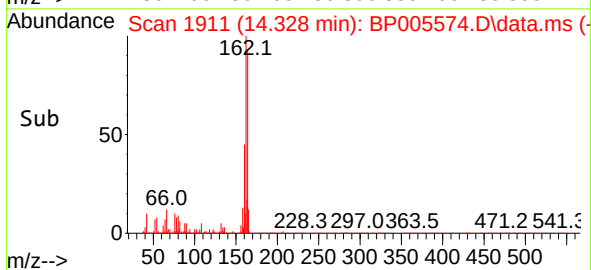
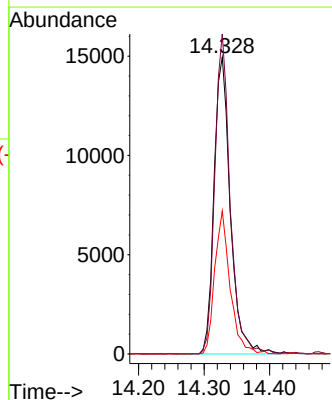
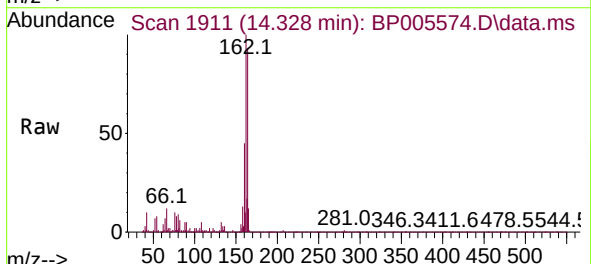
Instrument :
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ClientSampleId :
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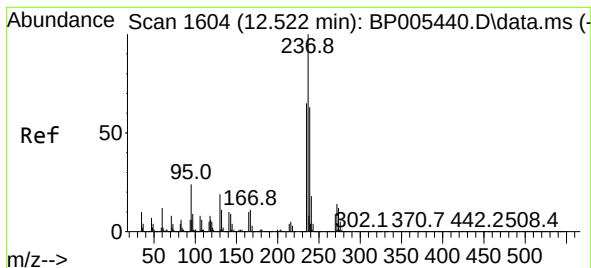
Tgt Ion: 82 Resp: 78308
Ion Ratio Lower Upper
82 100
128 33.7 30.5 45.7
54 52.6 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion:164 Resp: 25842
Ion Ratio Lower Upper
164 100
162 107.8 73.5 110.3
160 48.2 40.6 61.0

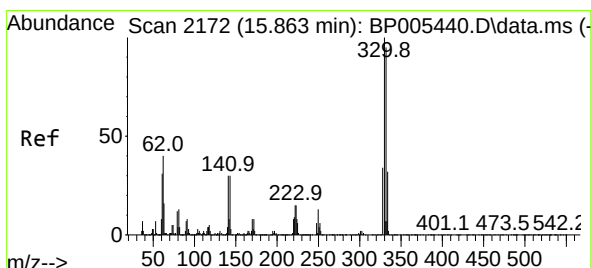
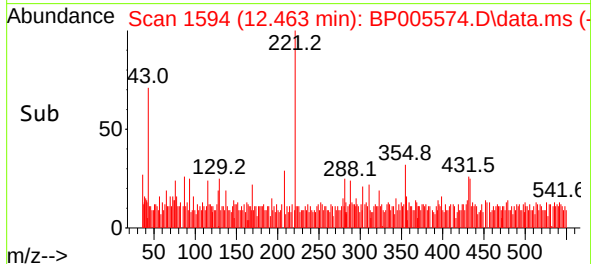
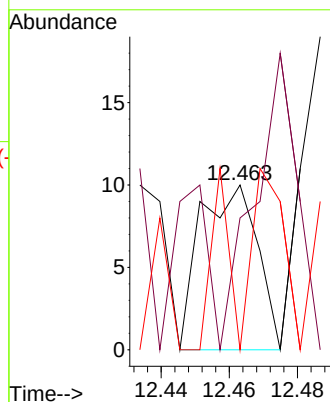
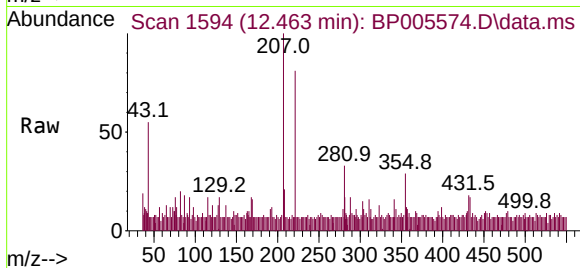




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.018 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

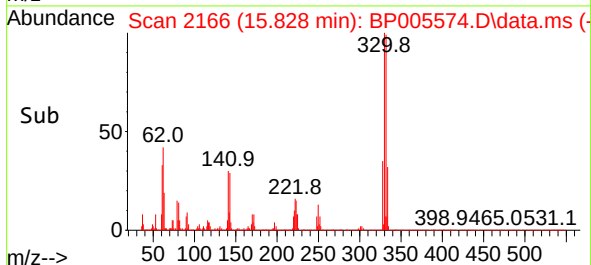
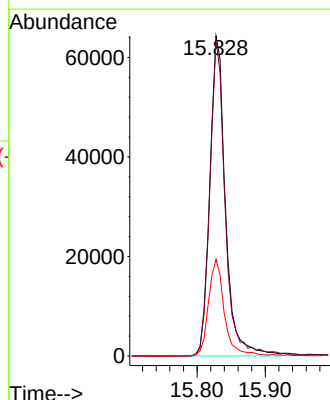
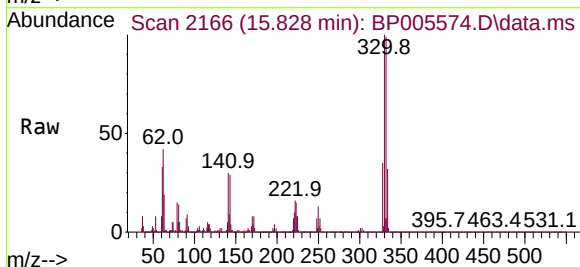
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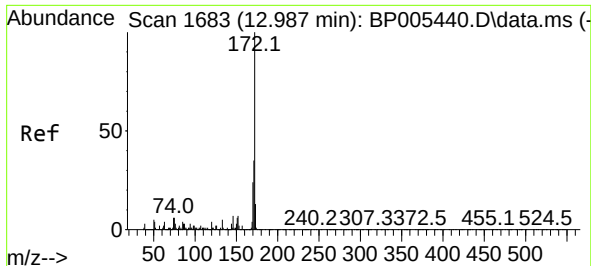
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 140.04 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion:	330	Resp:	102698
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	30.5	22.8	34.2

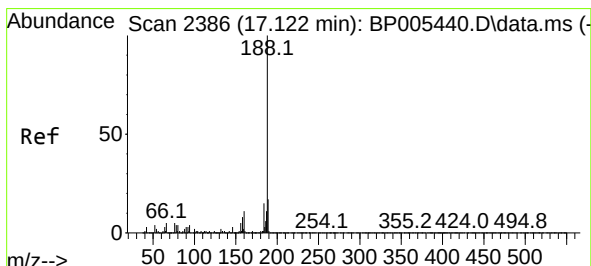
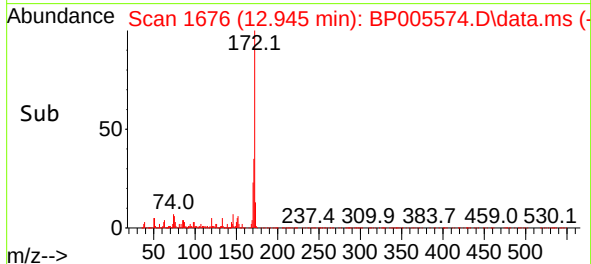
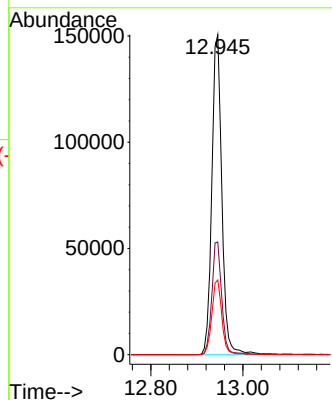
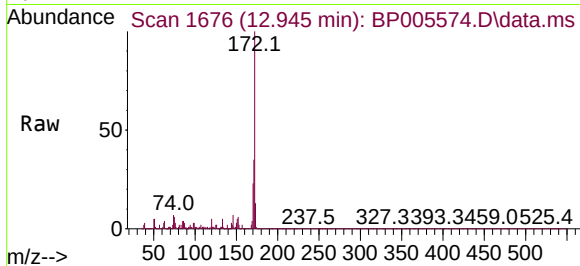




#45
2-Fluorobiphenyl
Concen: 99.70 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

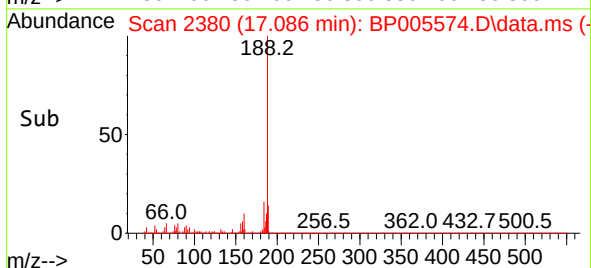
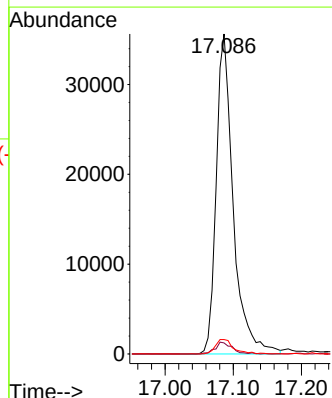
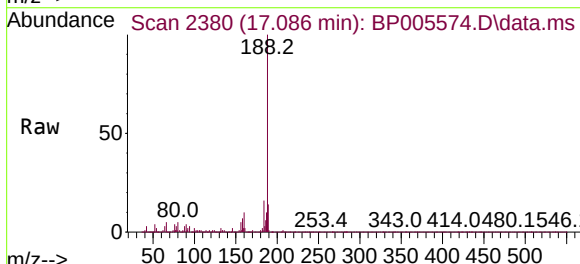
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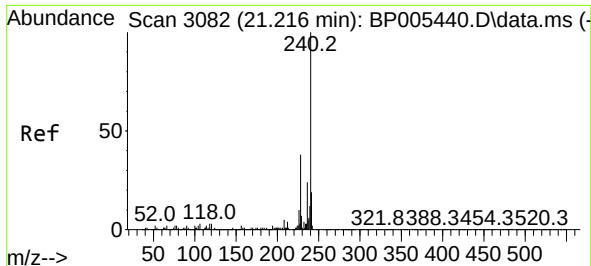
Tgt Ion:172 Resp: 228390
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion:188 Resp: 61801
Ion Ratio Lower Upper
188 100
94 3.5 5.0 7.6#
80 4.5 5.9 8.9#

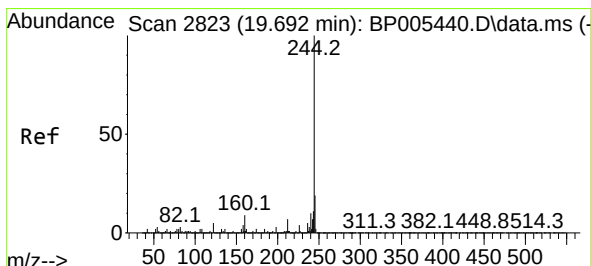
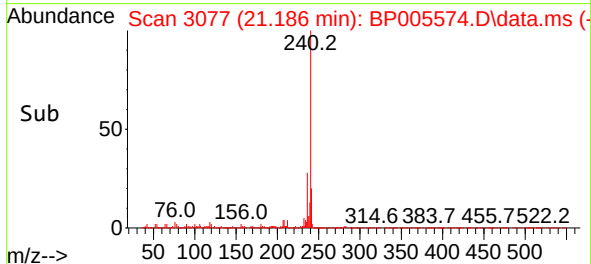
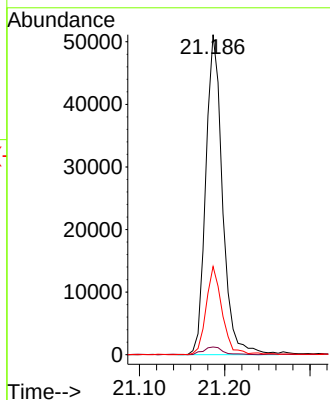
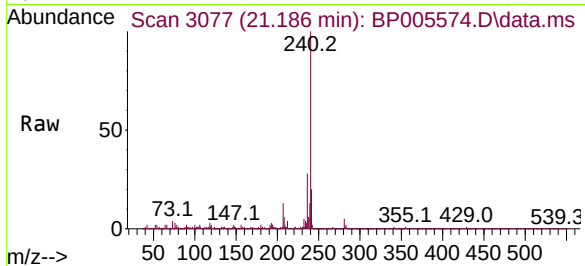




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

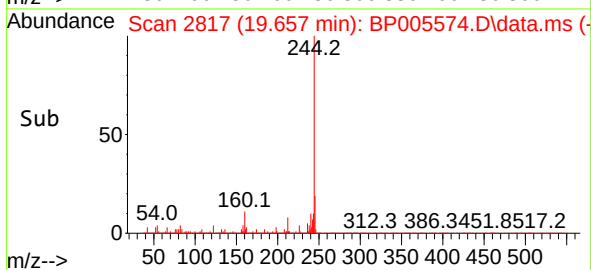
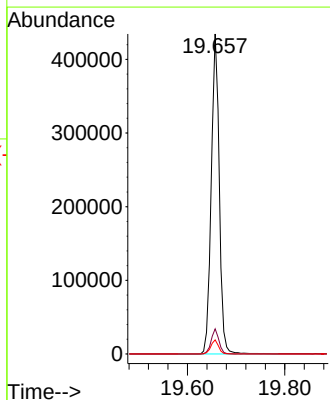
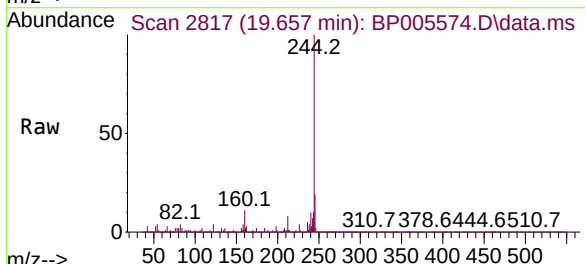
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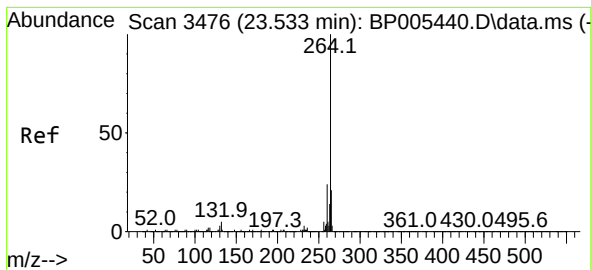
Tgt Ion:240 Resp: 69736
Ion Ratio Lower Upper
240 100
120 2.4 4.2 6.2#
236 27.5 20.2 30.2



#79
Terphenyl-d14
Concen: 120.04 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005574.D
Acq: 15 May 2021 18:21

Tgt Ion:244 Resp: 492917
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: 23.486 min Scan# 3468
 Delta R.T. -0.012 min
 Lab File: BP005574.D
 Acq: 15 May 2021 18:21

Instrument :
 BNA_P
 ClientSampleId :
 SP5562

Tgt Ion:	264	Resp:	80174
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.6	30.8
265	23.4	19.0	28.6

