

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
 Data File : BP005569.D
 Acq On : 15 May 2021 15:32
 Operator : CG/JU
 Sample : PB136339BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136339BL

Quant Time: May 16 02:45:08 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)

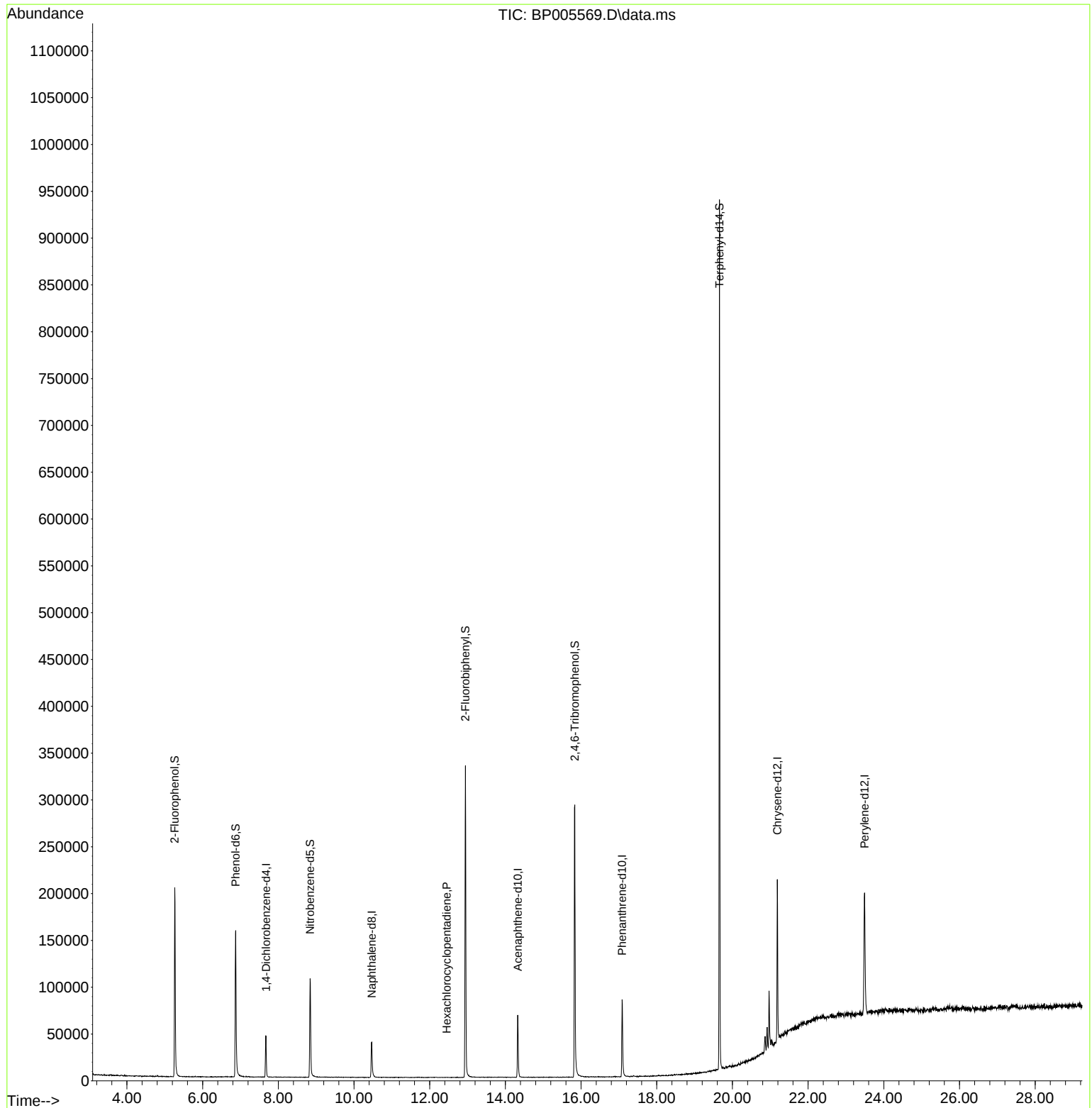
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	9558	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	29890	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	22998	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	55240	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	82456	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	109498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	65575	131.67	ng	0.00
7) Phenol-d6	6.875	99	70724	113.88	ng	0.00
23) Nitrobenzene-d5	8.840	82	58280	76.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	65153	99.83	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	151760	74.44	ng	0.00
79) Terphenyl-d14	19.657	244	354338	72.98	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	32	Below Cal	#	1
9) Benzaldehyde	6.798	77	21	Below Cal	#	14
41) Hexachlorocyclopentadiene	12.451	237	6	7.88	ng	73

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

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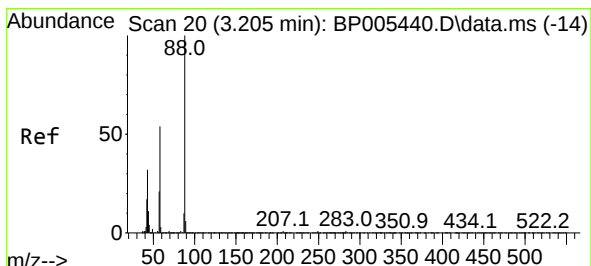
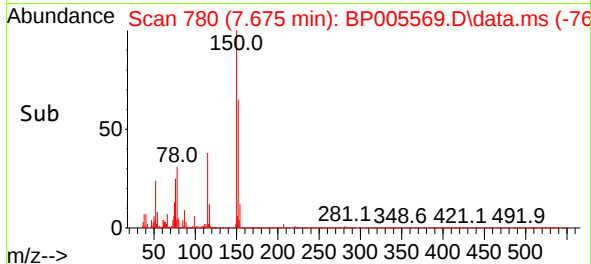
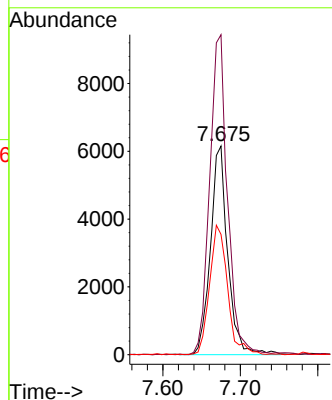
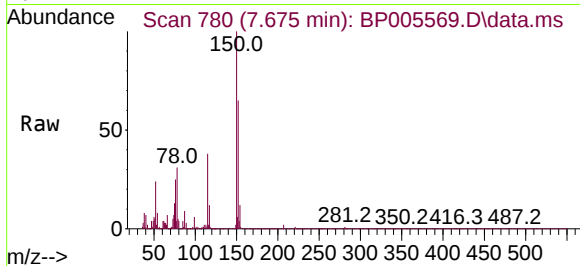




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

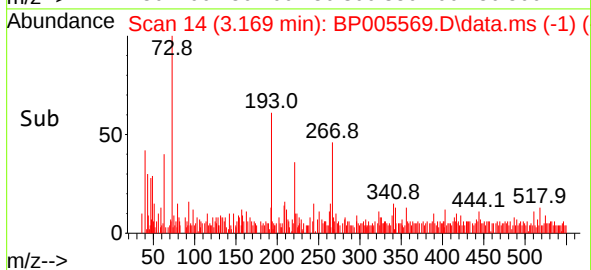
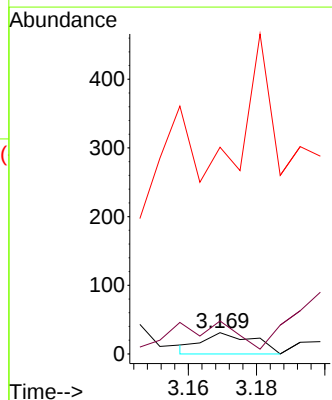
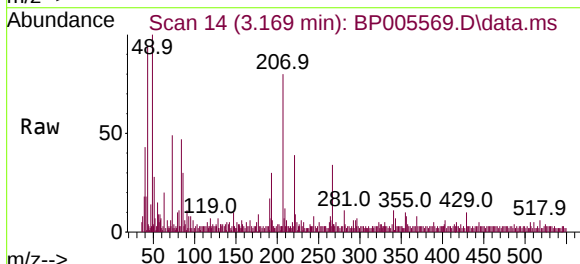
Instrument :
BNA_P
ClientSampleId :
PB136339BL

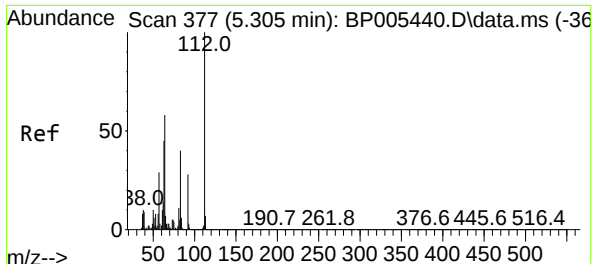
Tgt Ion:152 Resp: 9558
Ion Ratio Lower Upper
152 100
150 153.3 119.8 179.8
115 57.6 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.169 min Scan# 14
Delta R.T. 0.011 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
58 146.9 42.5 63.7#
43 337.5 19.8 29.8#

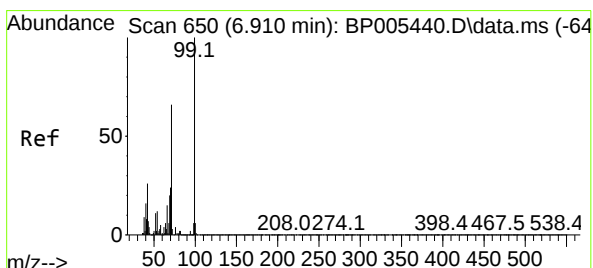
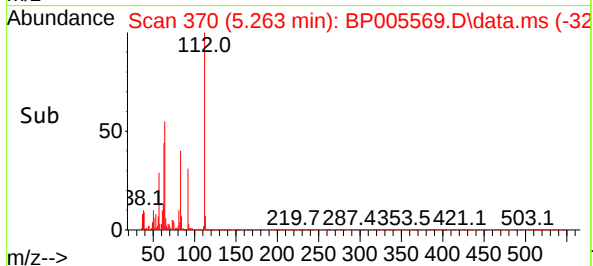
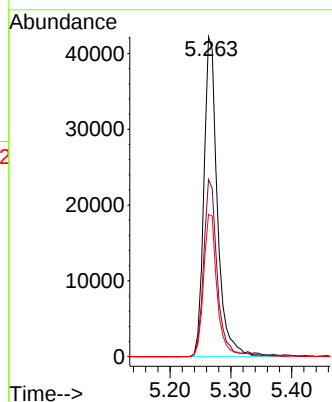
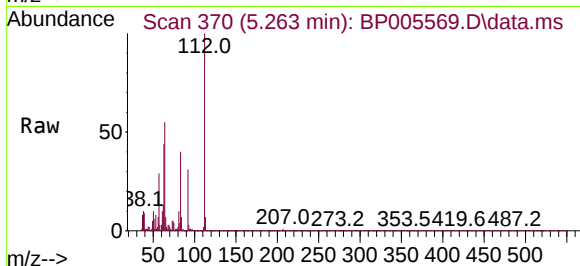




#5
2-Fluorophenol
Concen: 131.67 ng
RT: 5.263 min Scan# 370
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

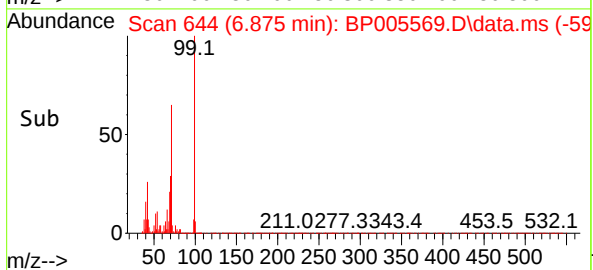
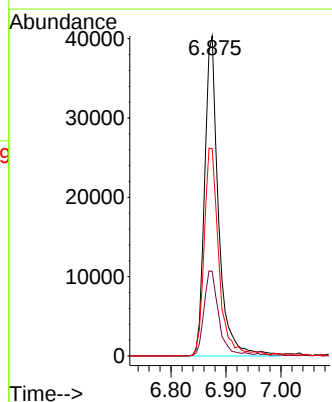
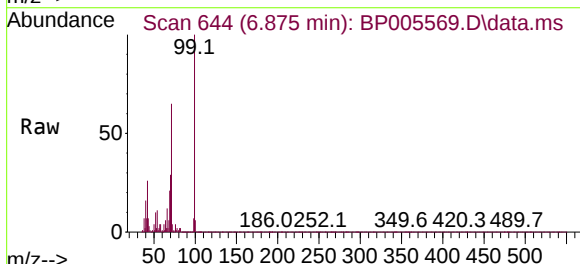
Instrument :
BNA_P
ClientSampleId :
PB136339BL

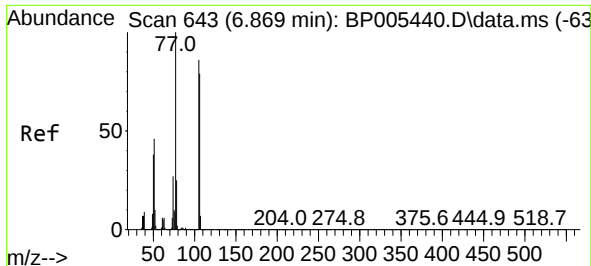
Tgt Ion:112 Resp: 65575
Ion Ratio Lower Upper
112 100
64 55.4 33.6 50.4#
63 44.5 18.6 27.8#



#7
Phenol-d6
Concen: 113.88 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

Tgt Ion: 99 Resp: 70724
Ion Ratio Lower Upper
99 100
42 26.5 12.9 19.3#
71 64.8 26.7 40.1#

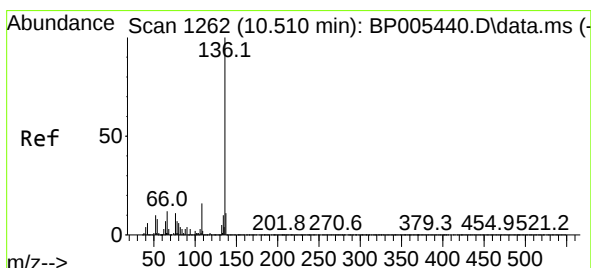
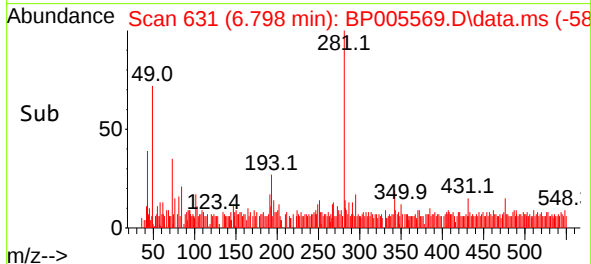
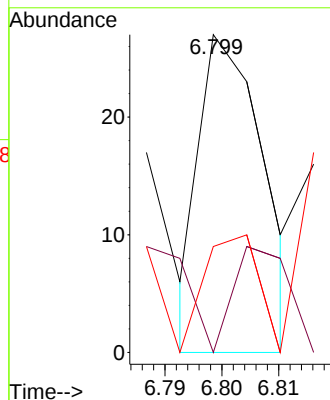
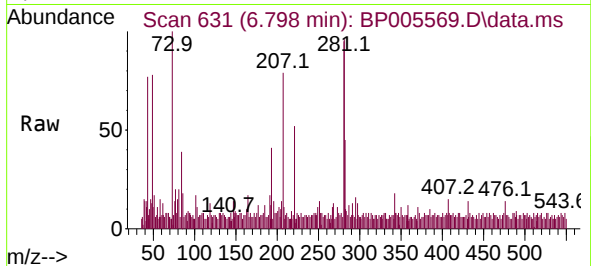




#9
Benzaldehyde
Concen: Below Cal
RT: 6.798 min Scan# 631
Delta R.T. -0.030 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

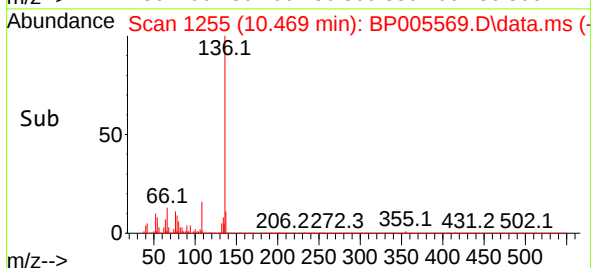
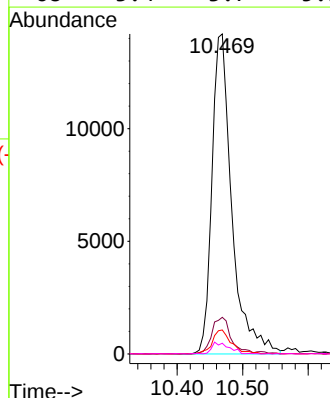
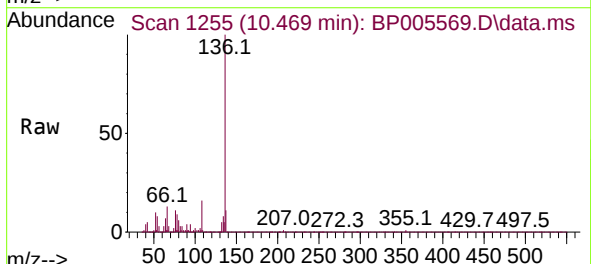
Instrument :
BNA_P
ClientSampleId :
PB136339BL

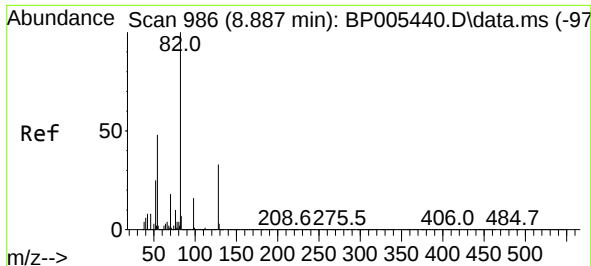
Tgt Ion: 77	Resp: 21
Ion Ratio	Lower Upper
77 100	
105 0.0	89.4 129.4#
106 33.3	79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

Tgt Ion: 136	Resp: 29890
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.5	5.0 7.4#
68 3.4	3.7 5.5#

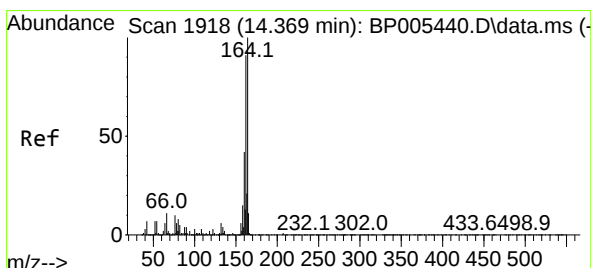
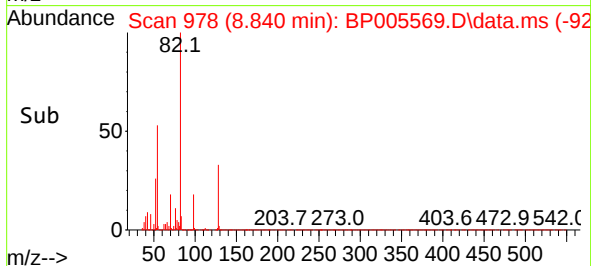
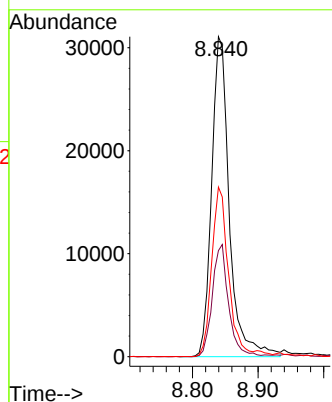
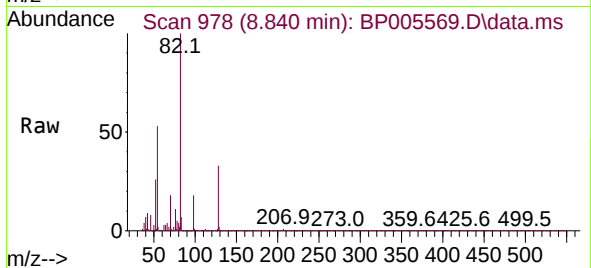




#23
Nitrobenzene-d5
Concen: 76.74 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

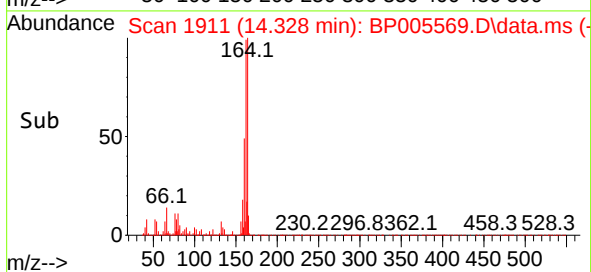
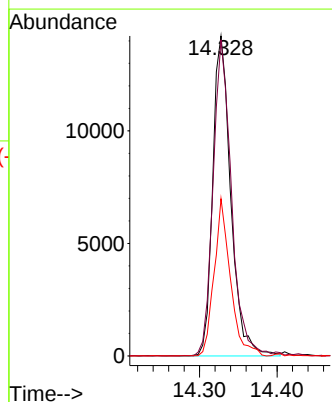
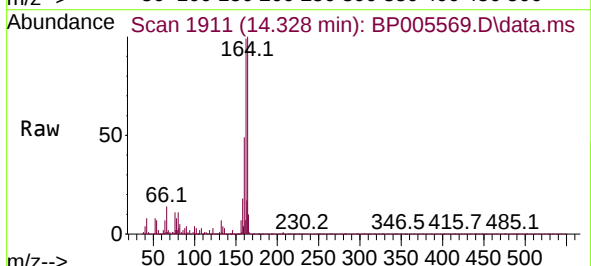
Instrument :
BNA_P
ClientSampleId :
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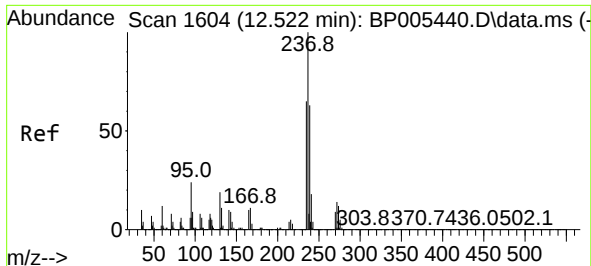
Tgt Ion: 82 Resp: 58280
Ion Ratio Lower Upper
82 100
128 33.1 30.5 45.7
54 53.0 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

Tgt Ion: 164 Resp: 22998
Ion Ratio Lower Upper
164 100
162 98.8 73.5 110.3
160 49.2 40.6 61.0

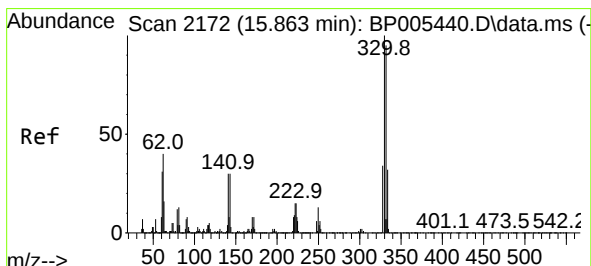
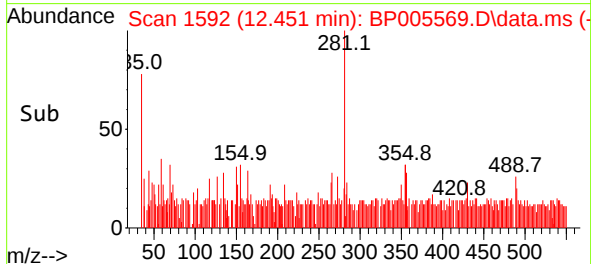
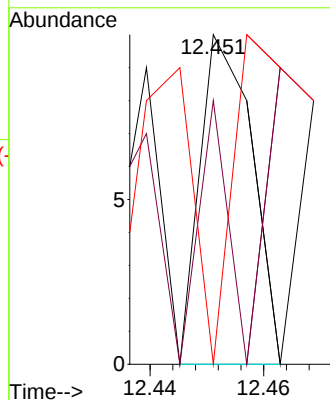
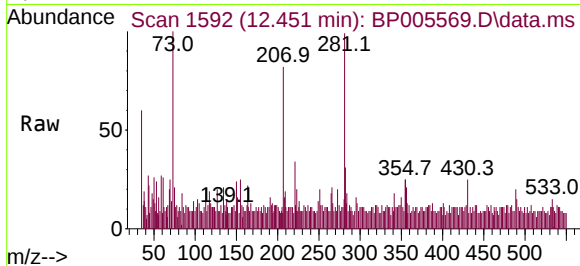




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.030 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

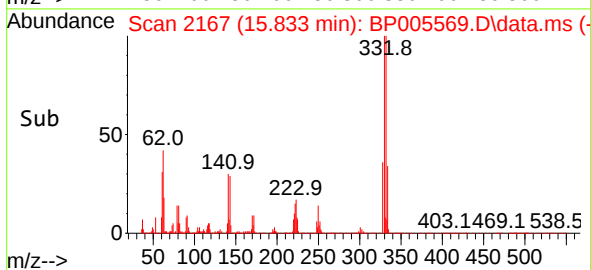
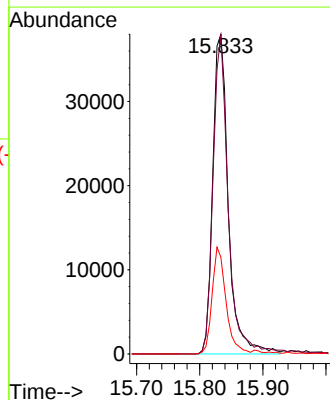
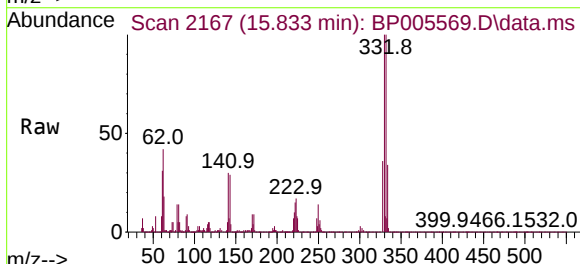
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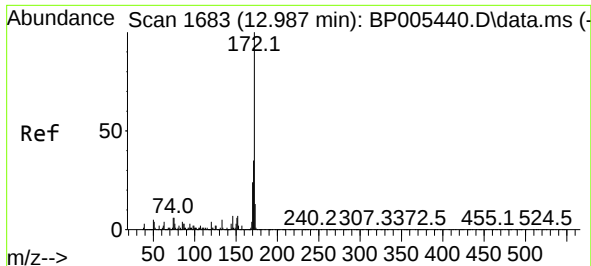
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 99.83 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

Tgt Ion:	330	Resp:	65153
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.3	114.5
141	29.8	22.8	34.2

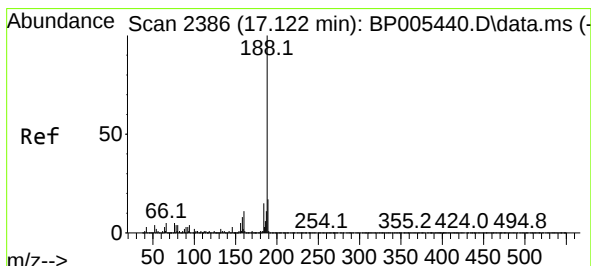
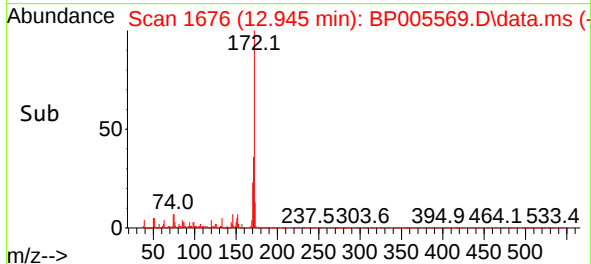
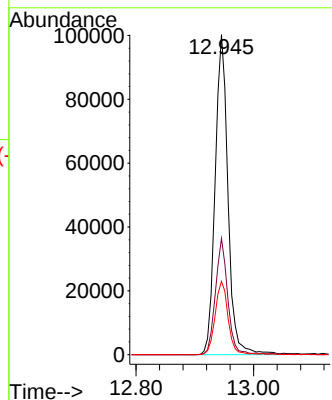
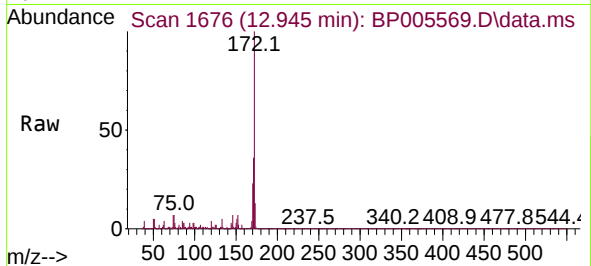




#45
2-Fluorobiphenyl
Concen: 74.44 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

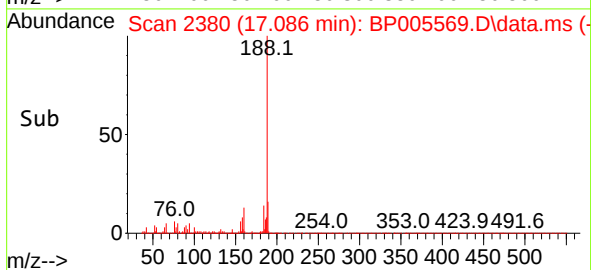
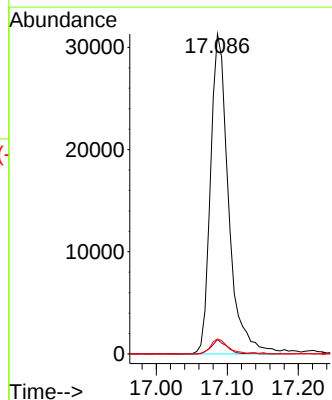
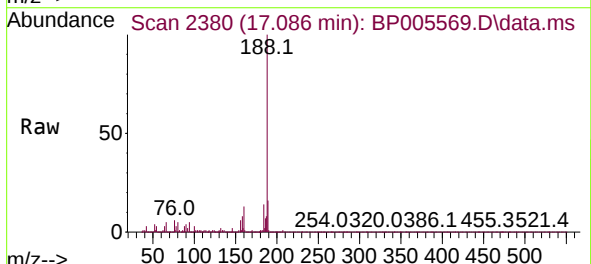
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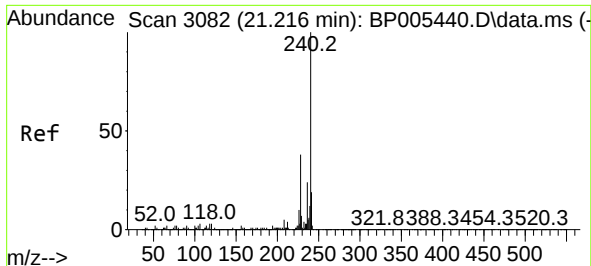
Tgt Ion:172 Resp: 151760
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 22.9 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

Tgt Ion:188 Resp: 55240
Ion Ratio Lower Upper
188 100
94 4.6 5.0 7.6#
80 4.6 5.9 8.9#

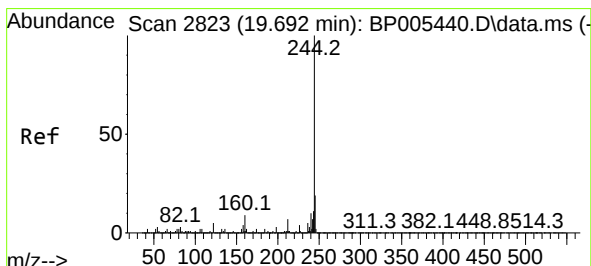
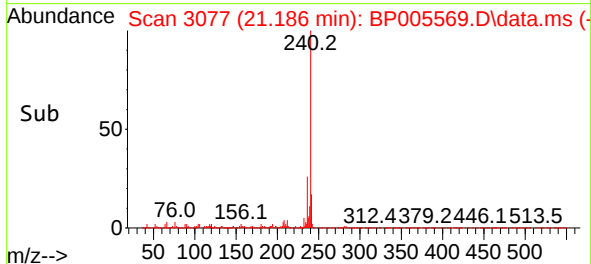
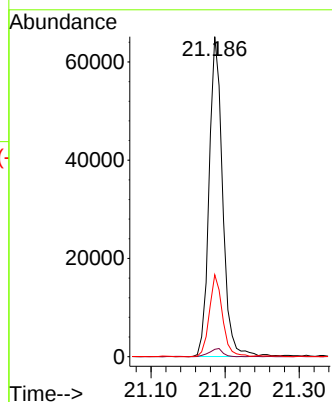
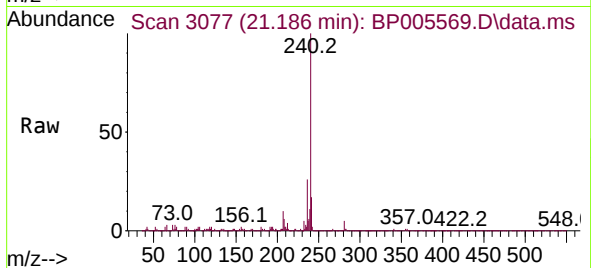




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

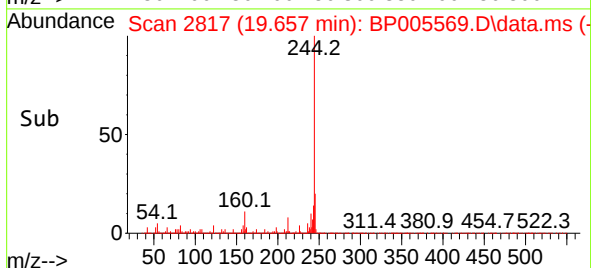
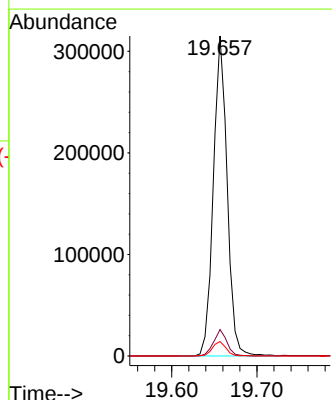
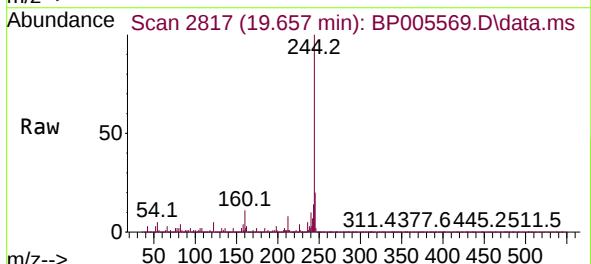
Instrument :
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PB136339BL

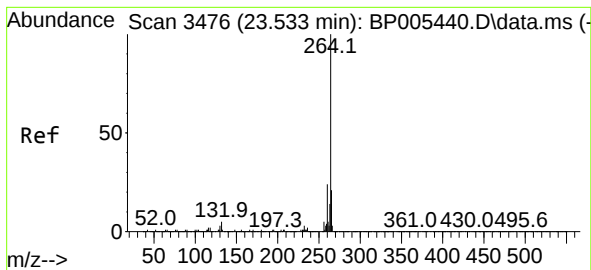
Tgt Ion:240 Resp: 82456
Ion Ratio Lower Upper
240 100
120 2.3 4.2 6.2#
236 25.6 20.2 30.2



#79
Terphenyl-d14
Concen: 72.98 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005569.D
Acq: 15 May 2021 15:32

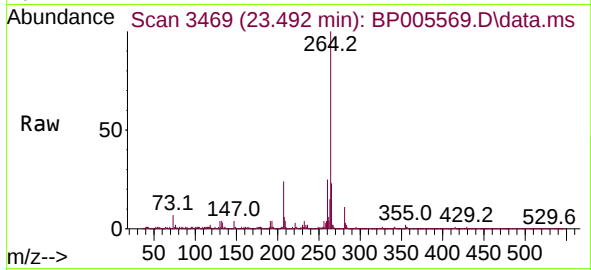
Tgt Ion:244 Resp: 354338
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.6
122 4.5 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.492 min Scan# 3469
 Delta R.T. -0.006 min
 Lab File: BP005569.D
 Acq: 15 May 2021 15:32

Instrument :
 BNA_P
 ClientSampleId :
 PB136339BL



Tgt Ion:	264	Resp:	109498
Ion Ratio	Lower	Upper	
264	100		
260	25.2	20.6	30.8
265	22.6	19.0	28.6

