

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
 Data File : BP005576.D
 Acq On : 15 May 2021 19:29
 Operator : CG/JU
 Sample : M2383-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-01-05112021

Quant Time: May 16 02:46:38 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)

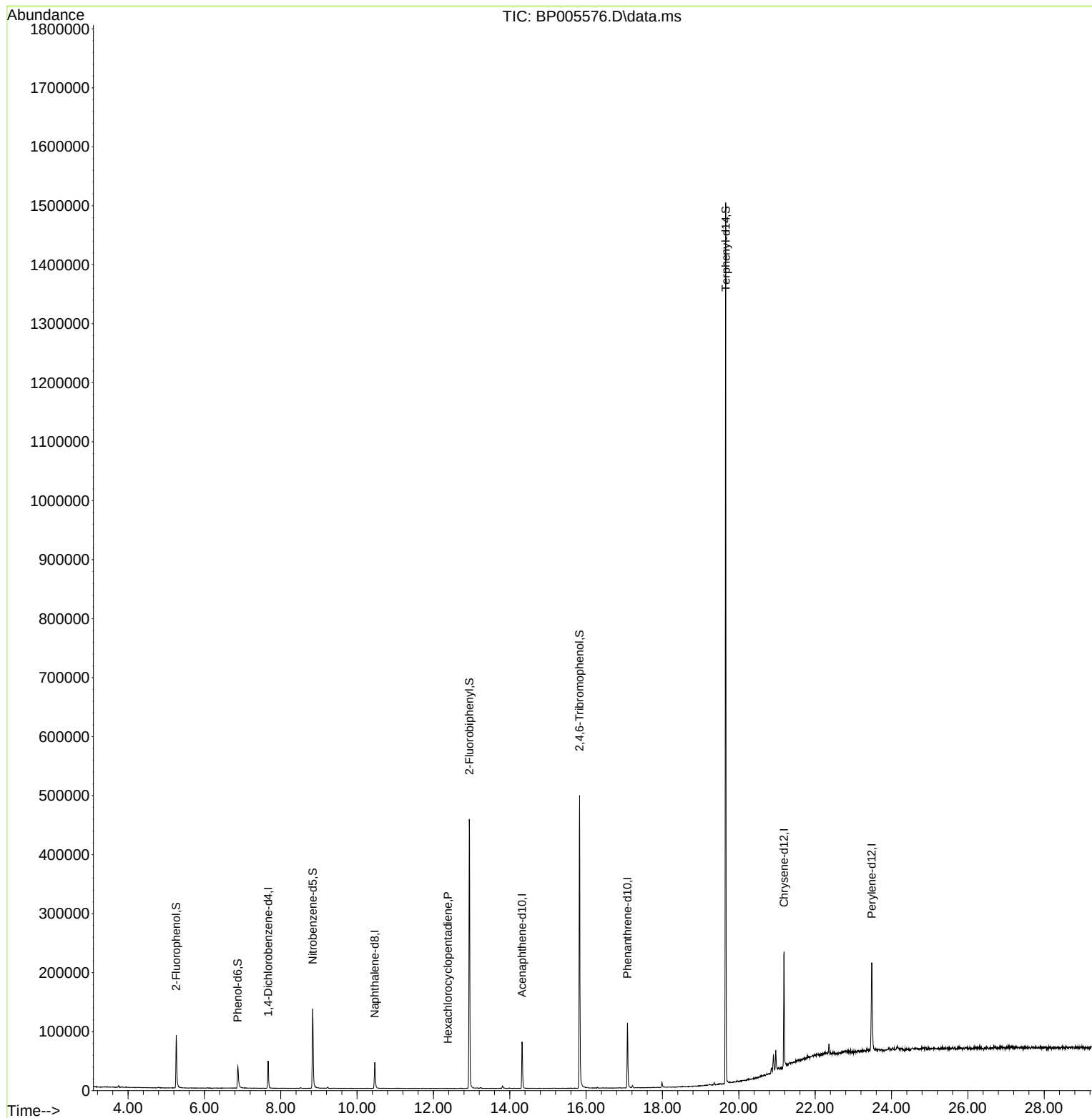
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	9888	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	30612	20.00	ng	# 0.00
39) Acenaphthene-d10	14.322	164	25601	20.00	ng	-0.01
64) Phenanthrene-d10	17.081	188	67010	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	97492	20.00	ng	# 0.00
86) Perylene-d12	23.480	264	124780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	29645	57.54	ng	0.00
7) Phenol-d6	6.875	99	19431	30.24	ng	0.00
23) Nitrobenzene-d5	8.840	82	74788	96.16	ng	-0.01
42) 2,4,6-Tribromophenol	15.828	330	95072	130.87	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	204497	90.11	ng	-0.01
79) Terphenyl-d14	19.657	244	575870	100.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.164	88	80	Below Cal	#	25
9) Benzaldehyde	6.811	77	9	Below Cal	#	48
41) Hexachlorocyclopentadiene	12.381	237	13	7.90	ng	81

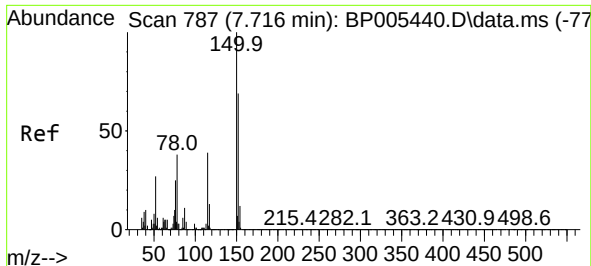
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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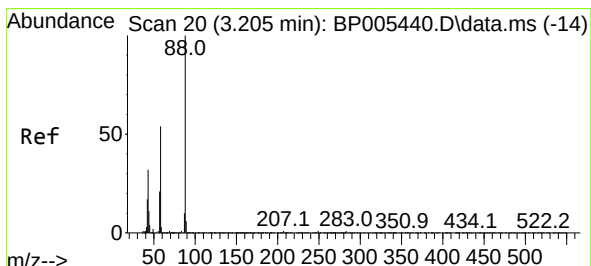
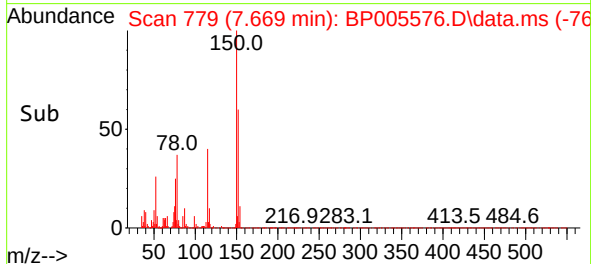
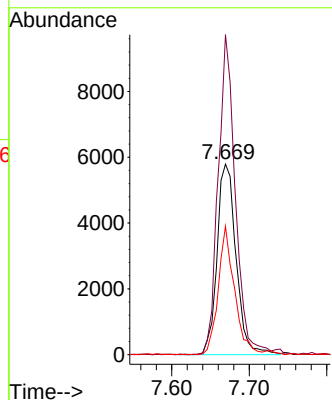
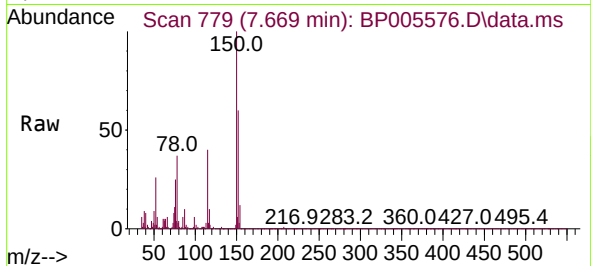




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

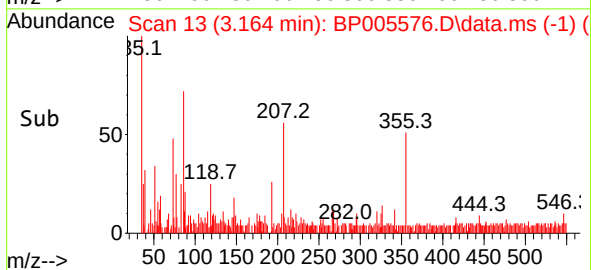
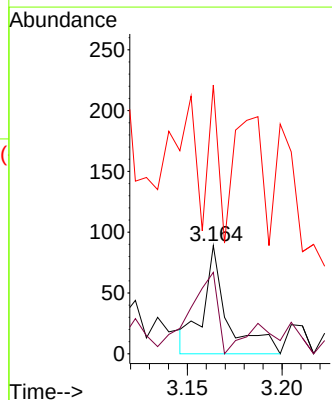
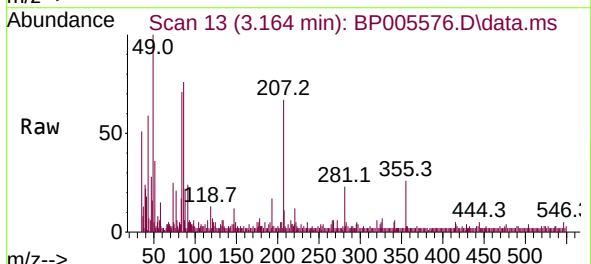
Instrument :
BNA_P
ClientSampleId :
FB-01-05112021

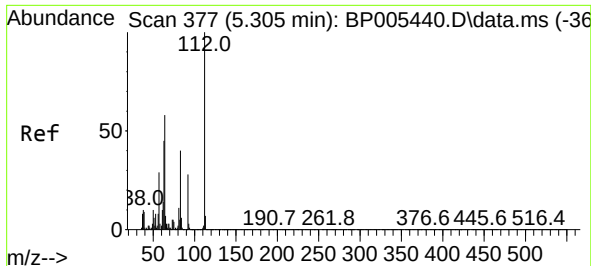
Tgt Ion:152 Resp: 9888
Ion Ratio Lower Upper
152 100
150 167.9 119.8 179.8
115 67.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.164 min Scan# 13
Delta R.T. 0.006 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
58 72.5 42.5 63.7#
43 113.8 19.8 29.8#

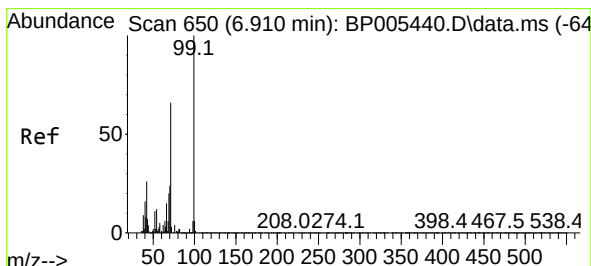
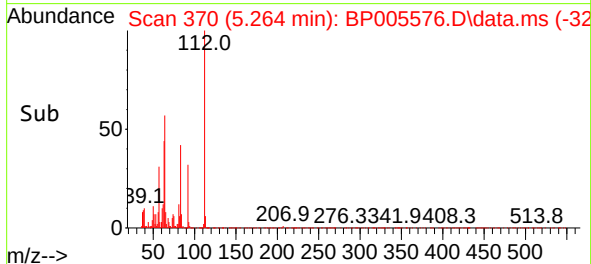
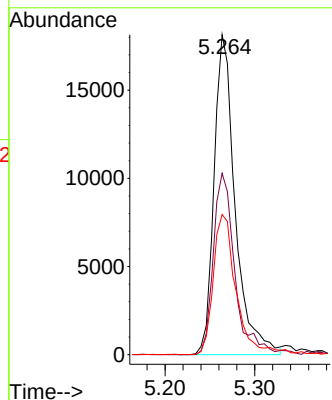
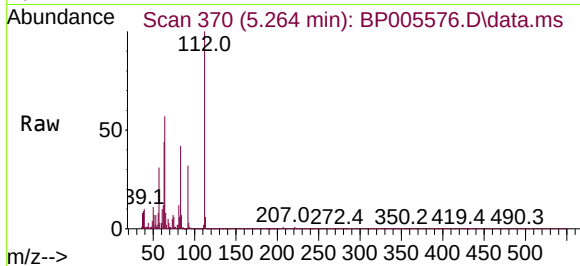




#5
2-Fluorophenol
Concen: 57.54 ng
RT: 5.264 min Scan# 370
Delta R.T. -0.006 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

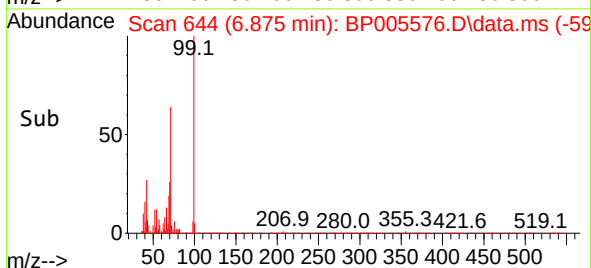
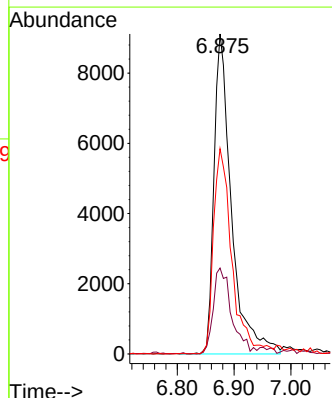
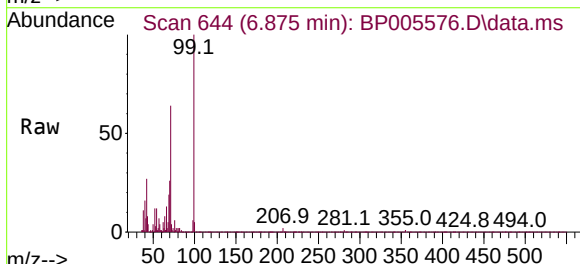
Instrument :
BNA_P
ClientSampleId :
FB-01-05112021

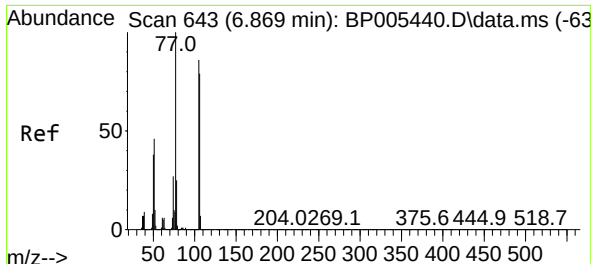
Tgt Ion:112 Resp: 29645
Ion Ratio Lower Upper
112 100
64 56.7 33.6 50.4#
63 43.8 18.6 27.8#



#7
Phenol-d6
Concen: 30.24 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

Tgt Ion: 99 Resp: 19431
Ion Ratio Lower Upper
99 100
42 26.8 12.9 19.3#
71 64.1 26.7 40.1#



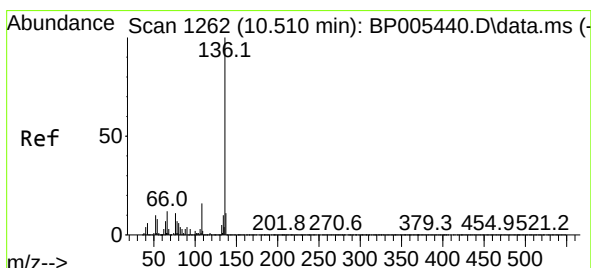
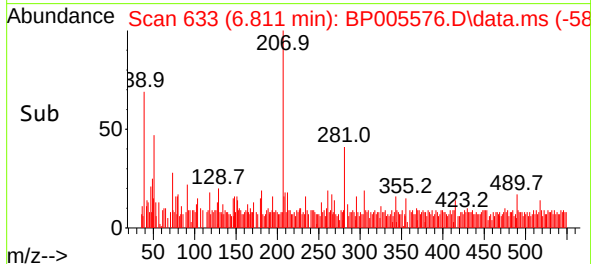
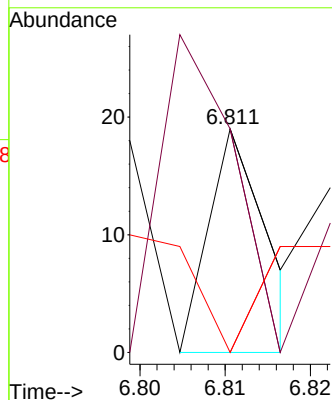
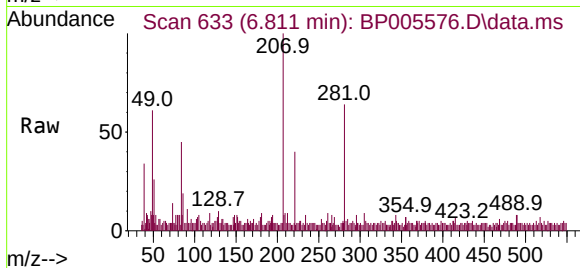


#9
Benzaldehyde
Concen: Below Cal
RT: 6.811 min Scan# 633
Delta R.T. -0.018 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

Instrument :
BNA_P
ClientSampleId :
FB-01-05112021

Tgt Ion: 77 Resp: 9

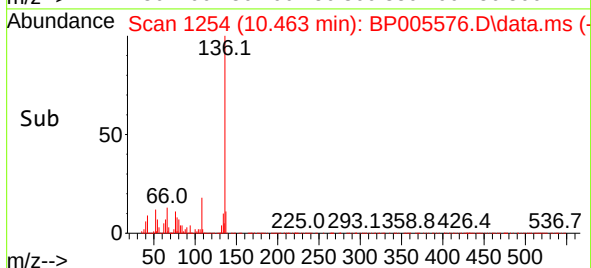
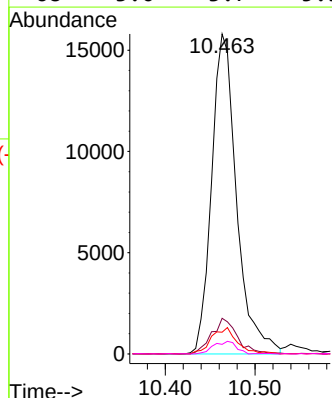
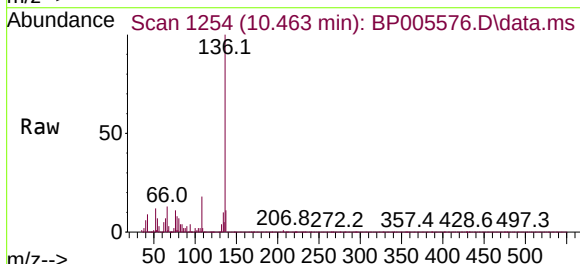
Ion	Ratio	Lower	Upper
77	100		
105	100.0	89.4	129.4
106	0.0	79.9	119.9#

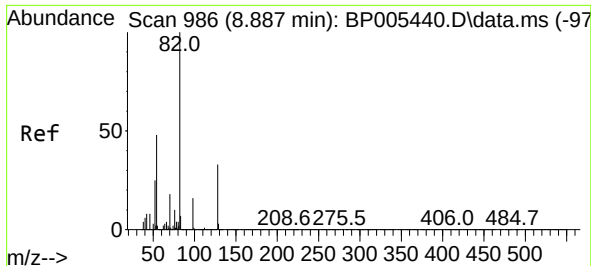


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

Tgt Ion: 136 Resp: 30612

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.0	7.4
68	3.0	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 96.16 ng

RT: 8.840 min Scan# 978

Delta R.T. -0.012 min

Lab File: BP005576.D

Acq: 15 May 2021 19:29

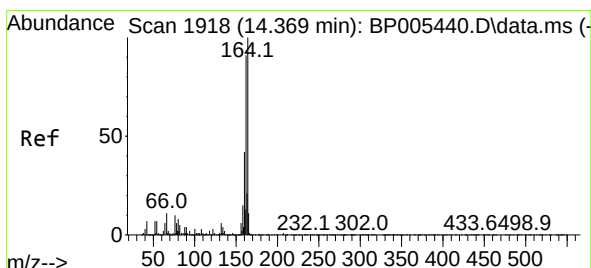
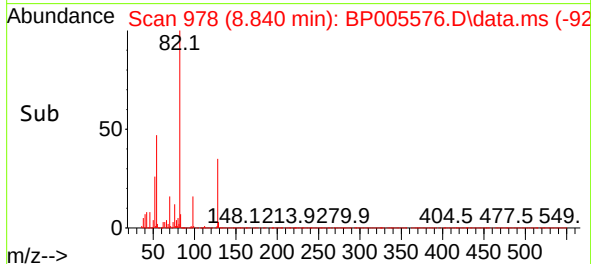
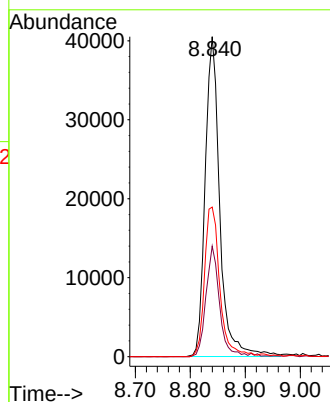
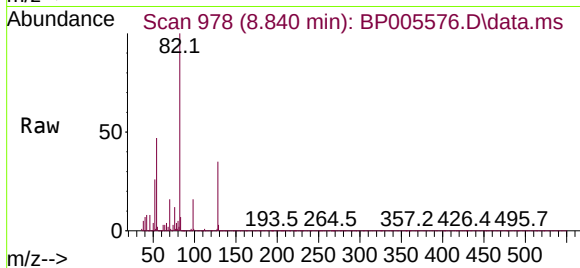
Instrument :

BNA_P

ClientSampleId :

FB-01-05112021

Tgt Ion: 82	Resp: 74788
Ion Ratio	Lower Upper
82 100	
128 34.5	30.5 45.7
54 46.7	33.9 50.9



#39

Acenaphthene-d10

Concen: 20.00 ng

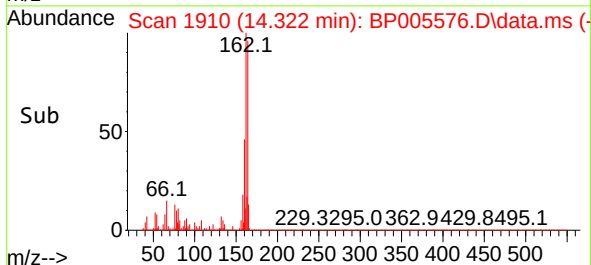
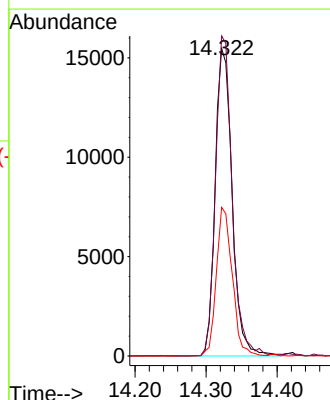
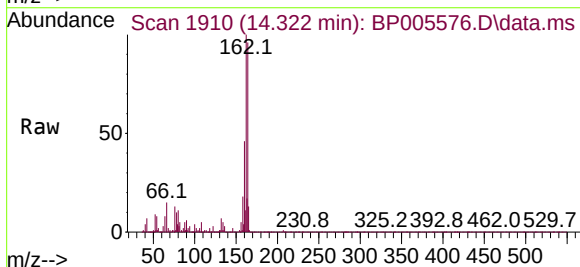
RT: 14.322 min Scan# 1910

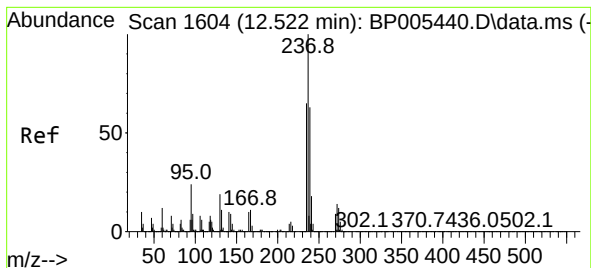
Delta R.T. -0.012 min

Lab File: BP005576.D

Acq: 15 May 2021 19:29

Tgt Ion: 164	Resp: 25601
Ion Ratio	Lower Upper
164 100	
162 104.1	73.5 110.3
160 48.4	40.6 61.0

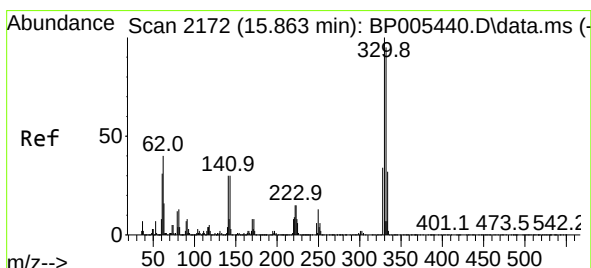
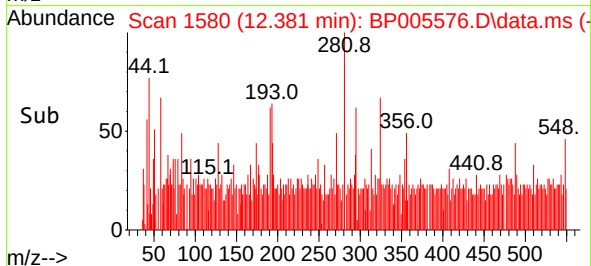
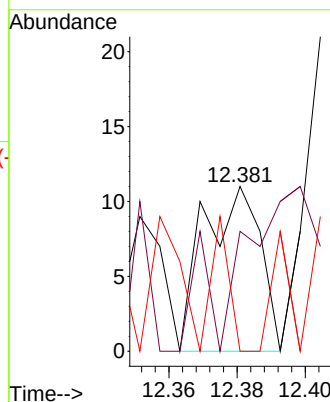
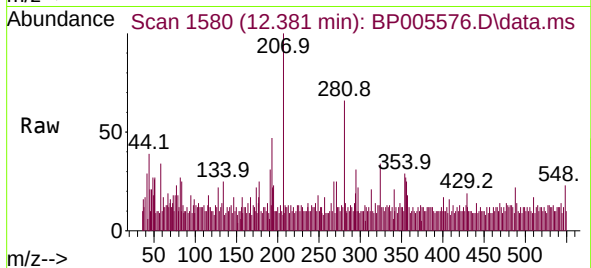




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.100 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

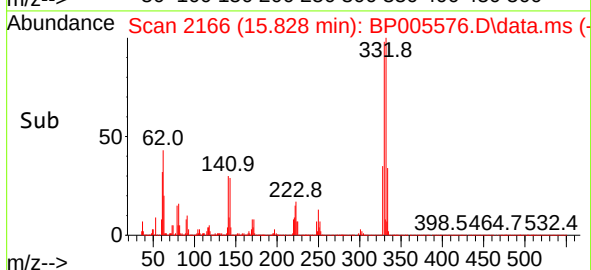
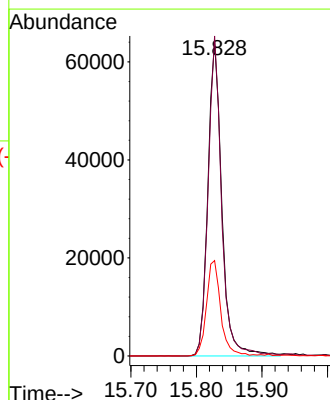
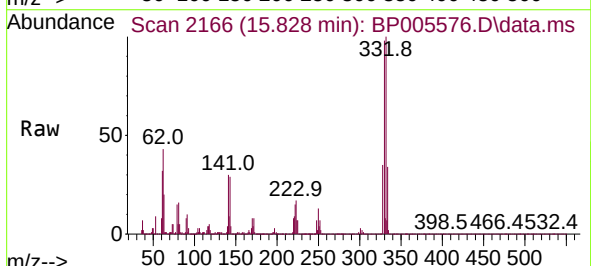
Instrument :
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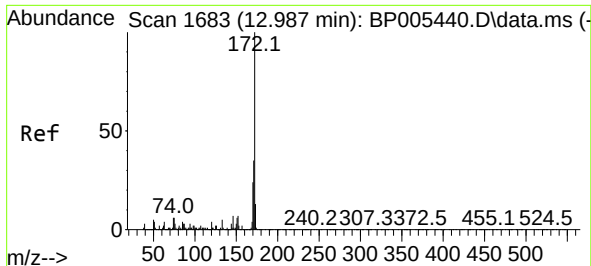
Tgt Ion:	237	Resp:	13
Ion Ratio	Lower	Upper	
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 130.87 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

Tgt Ion:	330	Resp:	95072
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.3	114.5
141	31.2	22.8	34.2

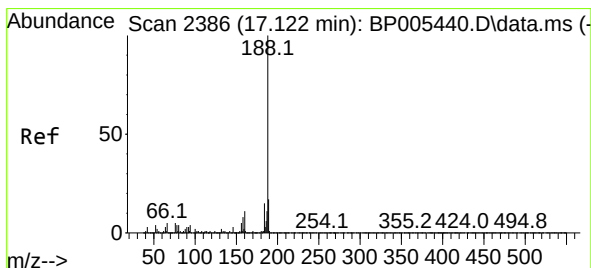
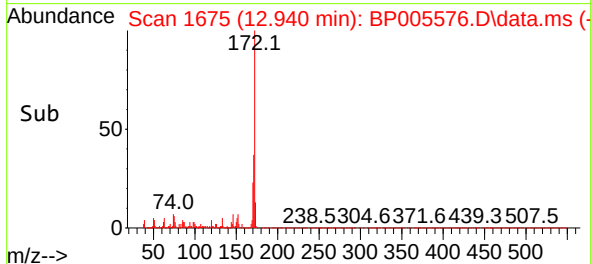
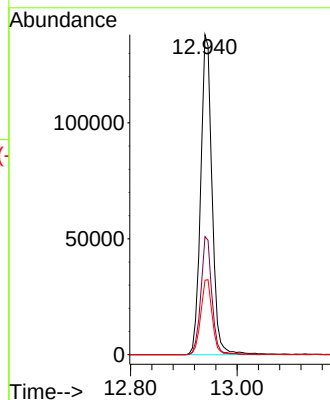
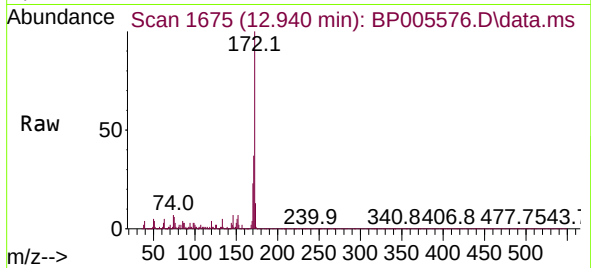




#45
2-Fluorobiphenyl
Concen: 90.11 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

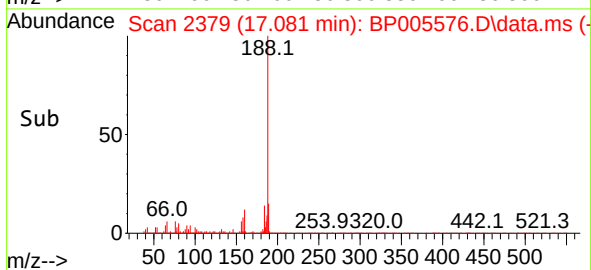
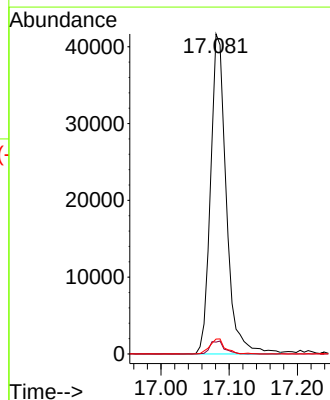
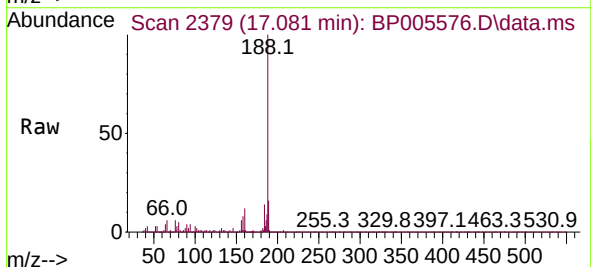
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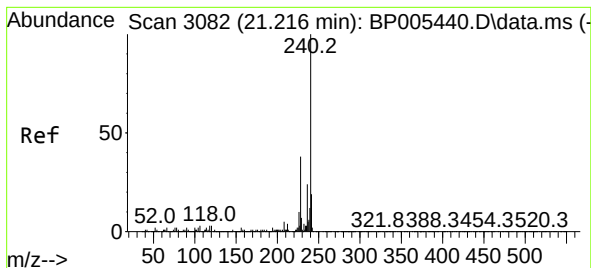
Tgt Ion:172 Resp: 204497
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.2 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.006 min
Lab File: BP005576.D
Acq: 15 May 2021 19:29

Tgt Ion:188 Resp: 67010
Ion Ratio Lower Upper
188 100
94 3.7 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: BP005576.D

Acq: 15 May 2021 19:29

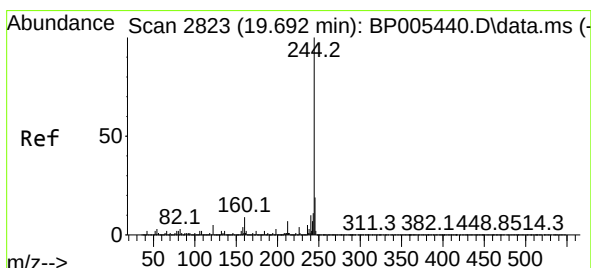
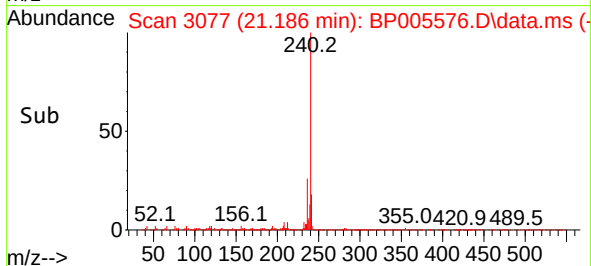
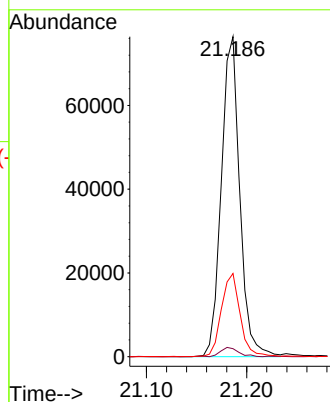
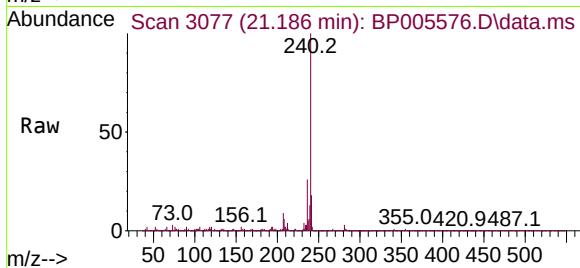
Instrument :

BNA_P

ClientSampleId :

FB-01-05112021

Tgt Ion:240	Resp:	97492
Ion Ratio	Lower	Upper
240	100	
120	2.5	4.2 6.2#
236	26.0	20.2 30.2



#79

Terphenyl-d14

Concen: 100.31 ng

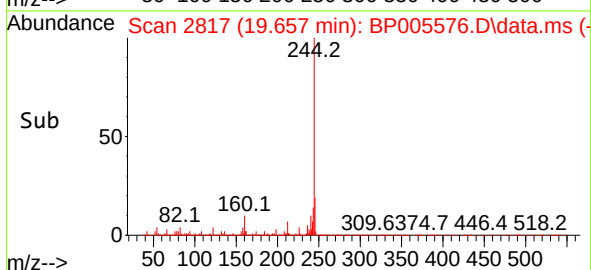
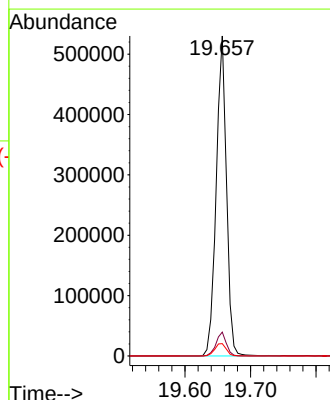
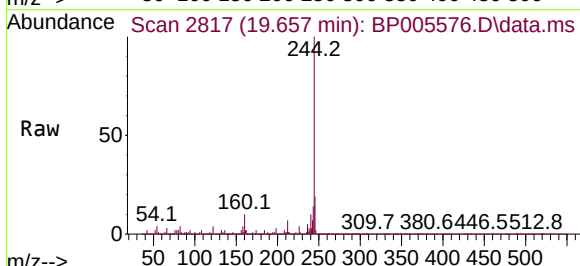
RT: 19.657 min Scan# 2817

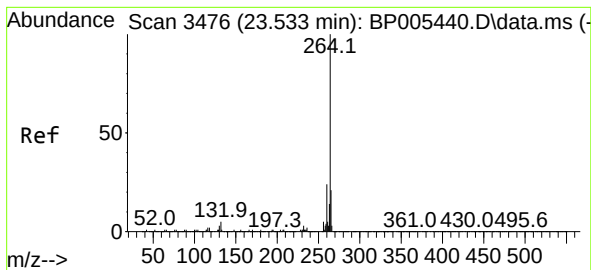
Delta R.T. -0.006 min

Lab File: BP005576.D

Acq: 15 May 2021 19:29

Tgt Ion:244	Resp:	575870
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.8 8.6
122	3.9	5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.480 min Scan# 3467
 Delta R.T. -0.018 min
 Lab File: BP005576.D
 Acq: 15 May 2021 19:29

Instrument :
 BNA_P
 ClientSampleId :
 FB-01-05112021

Tgt Ion:	264	Resp:	124780
Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.6	30.8
265	21.5	19.0	28.6

