

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
 Data File : BP005958.D
 Acq On : 16 Jun 2021 20:31
 Operator : CG/JU
 Sample : M2672-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 17-B6(16-20)

Quant Time: Jun 17 01:59:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 11:35:30 2021
 Response via : Initial Calibration

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

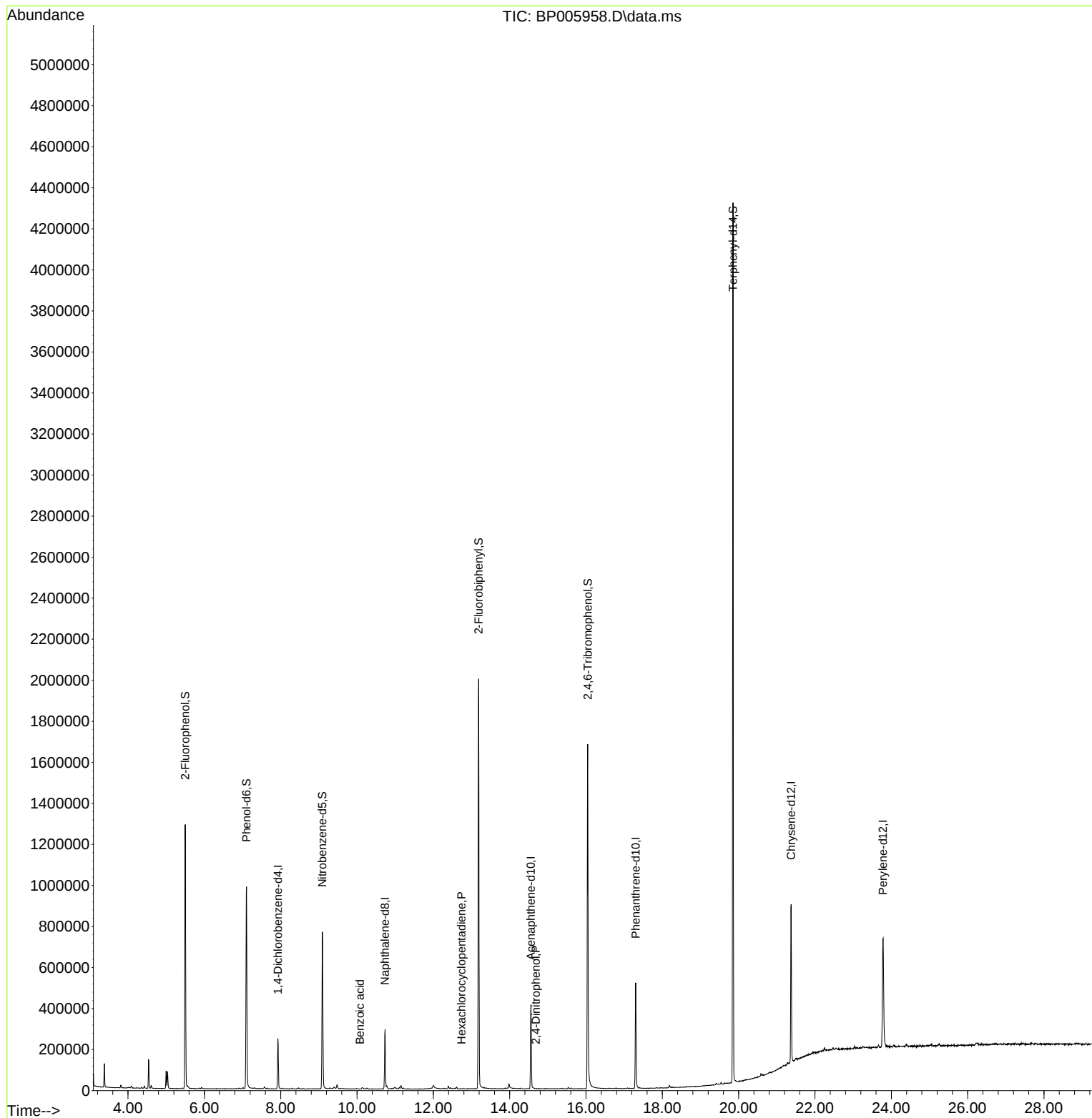
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	66411	20.00	ng	0.00
21) Naphthalene-d8	10.734	136	245618	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	147881	20.00	ng	0.00
64) Phenanthrene-d10	17.304	188	320647	20.00	ng	0.00
76) Chrysene-d12	21.374	240	404897	20.00	ng	0.00
86) Perylene-d12	23.780	264	462109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	566492	136.88	ng	0.00
7) Phenol-d6	7.105	99	587223	109.47	ng	0.00
23) Nitrobenzene-d5	9.093	82	447754	89.37	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	372543	146.80	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	1031722	91.61	ng	0.00
79) Terphenyl-d14	19.851	244	1973145	91.25	ng	0.00
Target Compounds						
32) Benzoic acid	10.075	122	32	6.33	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.740	237	20	5.51	ng	83
54) 2,4-Dinitrophenol	14.686	184	19	4.86	ng	# 42

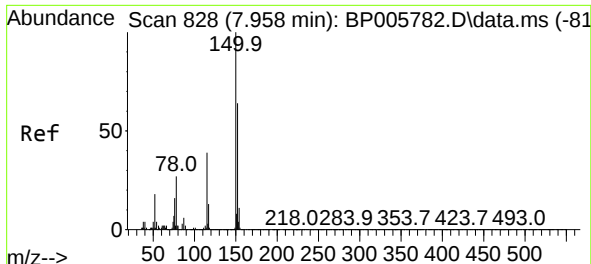
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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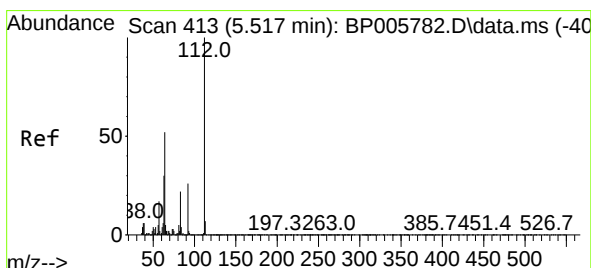
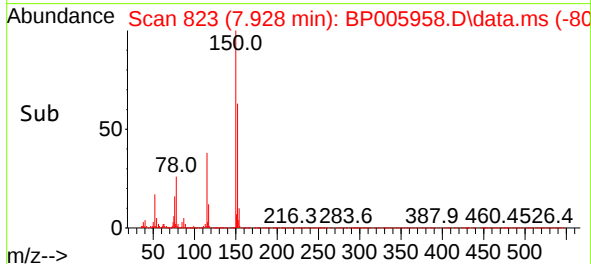
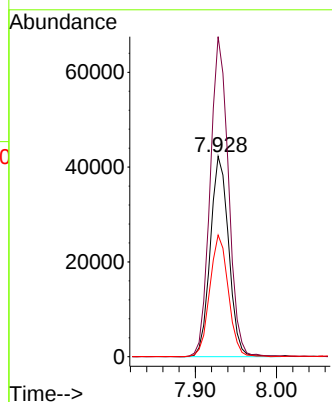
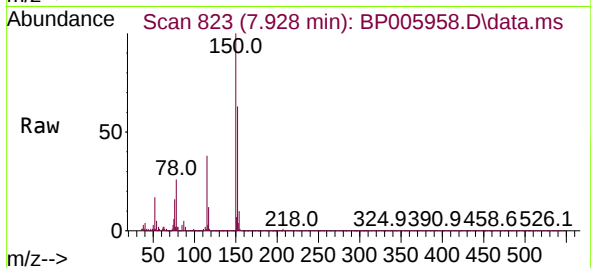




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

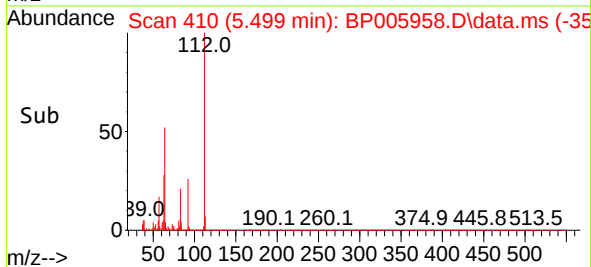
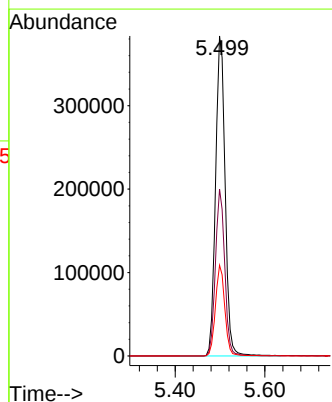
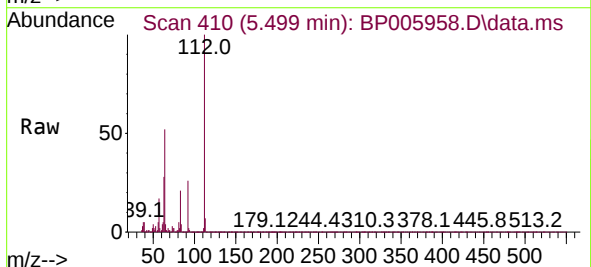
Instrument :
BNA_P
ClientSampleId :
17-B6(16-20)

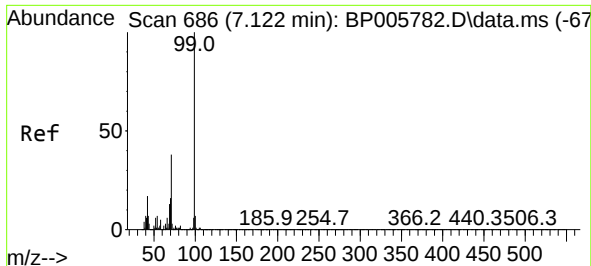
Tgt Ion:152 Resp: 66411
Ion Ratio Lower Upper
152 100
150 159.8 125.6 188.4
115 60.7 48.5 72.7



#5
2-Fluorophenol
Concen: 136.88 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Tgt Ion:112 Resp: 566492
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 28.3 23.8 35.8

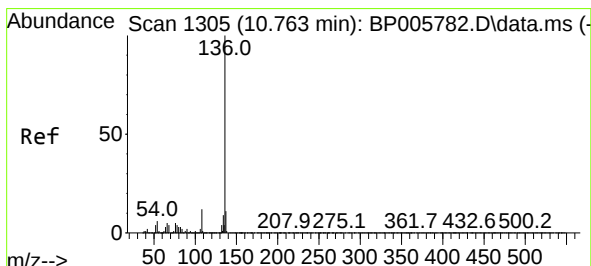
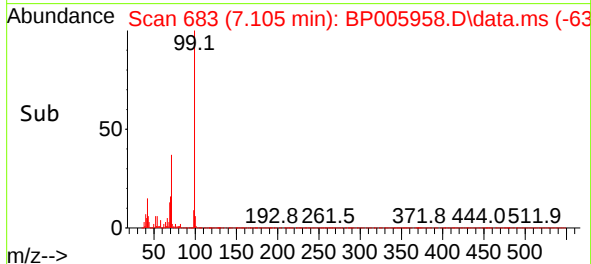
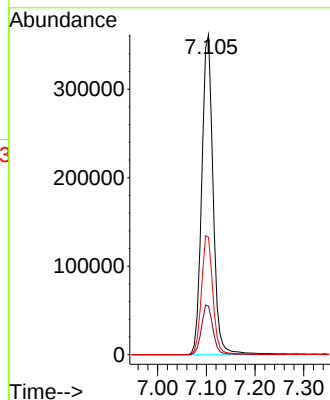
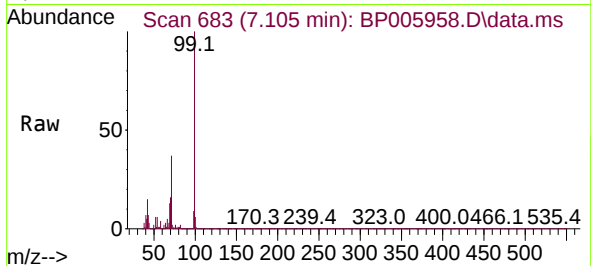




#7
Phenol-d6
Concen: 109.47 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

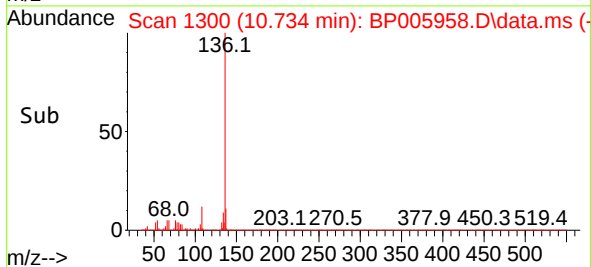
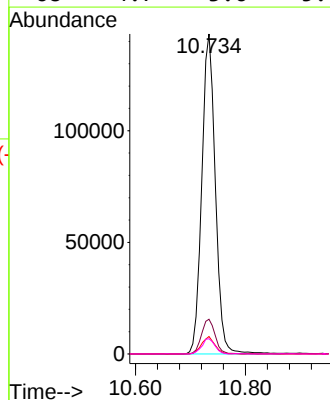
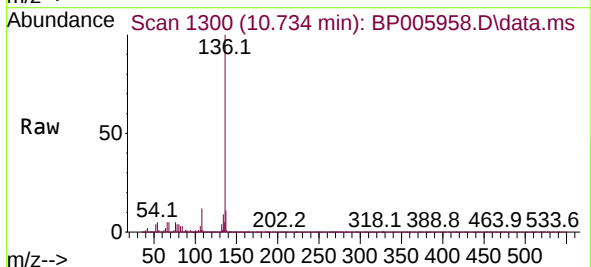
Instrument :
BNA_P
ClientSampleId :
17-B6(16-20)

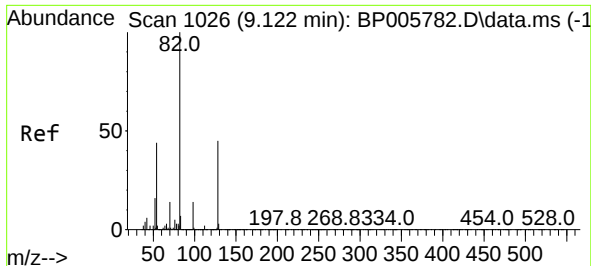
Tgt Ion: 99 Resp: 587223
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 36.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.734 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Tgt Ion: 136 Resp: 245618
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 5.4 4.6 6.8
68 4.7 3.6 5.4

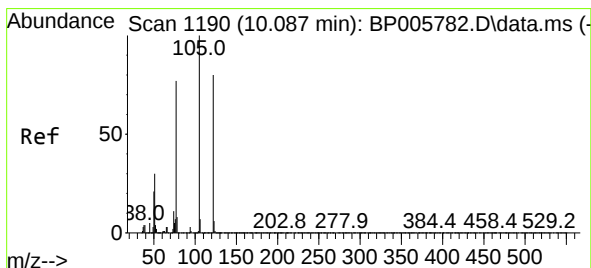
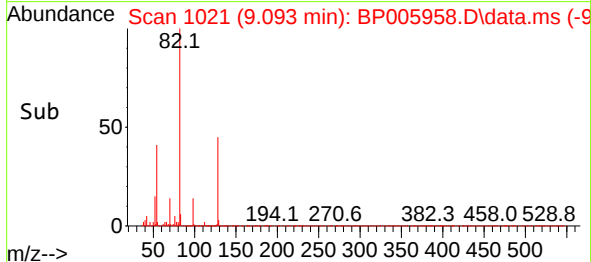
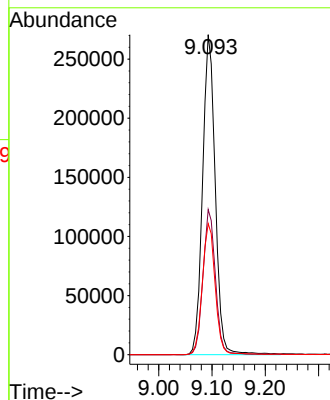
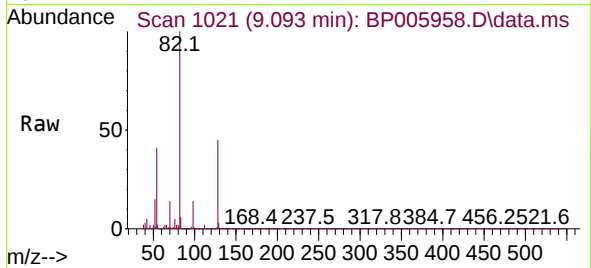




#23
Nitrobenzene-d5
Concen: 89.37 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

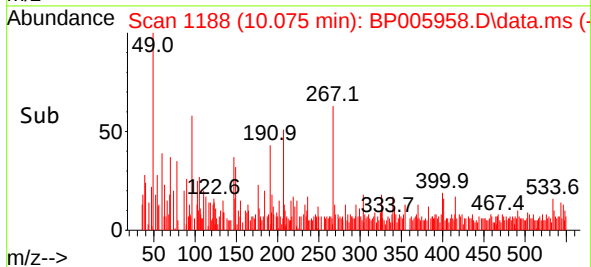
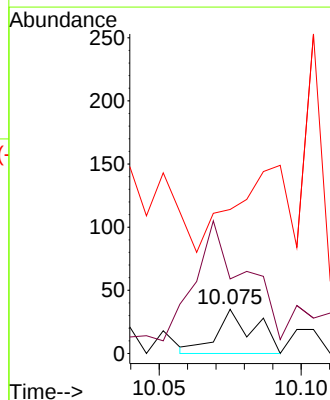
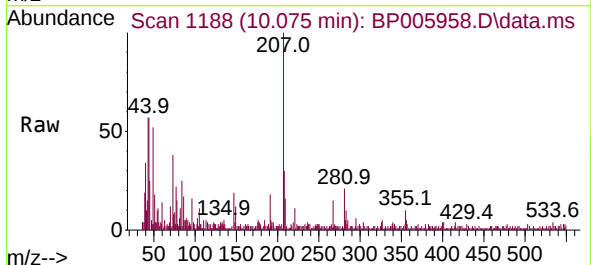
Instrument :
BNA_P
ClientSampleId :
17-B6(16-20)

Tgt Ion: 82 Resp: 447754
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 40.9 35.0 52.4



#32
Benzoic acid
Concen: 6.33 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 185.7 103.2 143.2#
77 325.7 76.2 116.2#

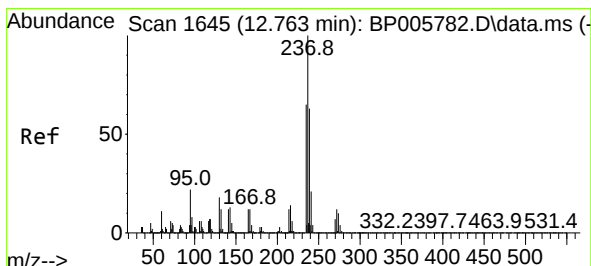
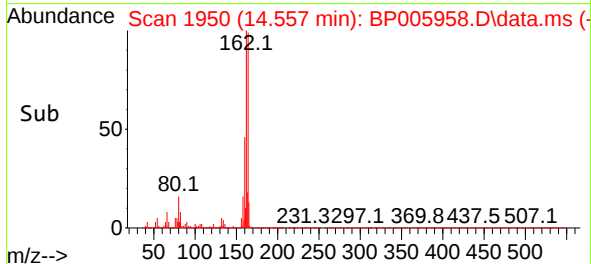
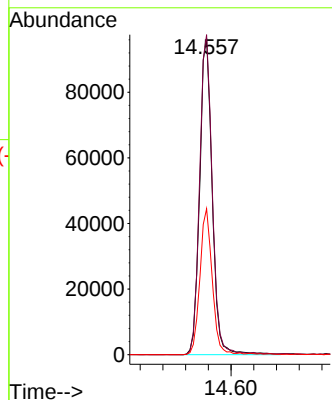
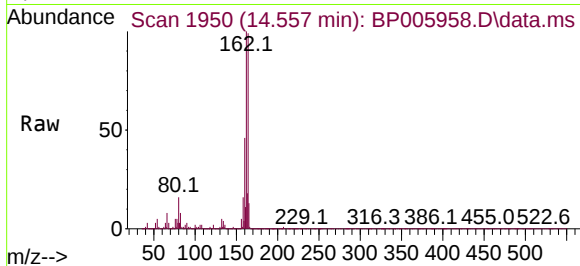




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

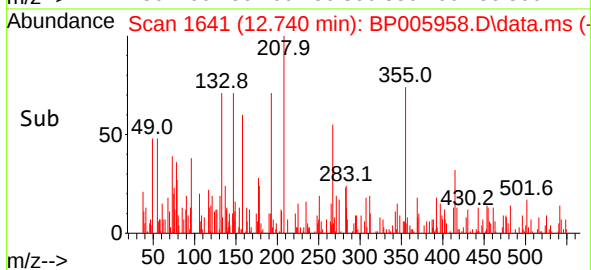
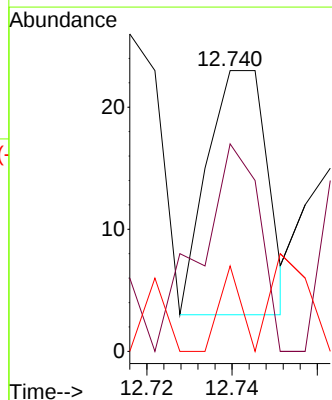
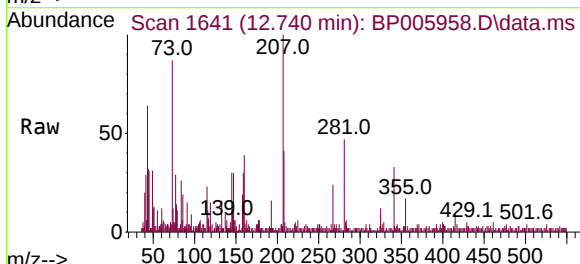
Instrument :
BNA_P
ClientSampleId :
17-B6(16-20)

Tgt Ion:164 Resp: 147881
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 46.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.740 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Tgt Ion:237 Resp: 20
Ion Ratio Lower Upper
237 100
235 73.9 44.5 84.5
272 30.4 0.0 32.5

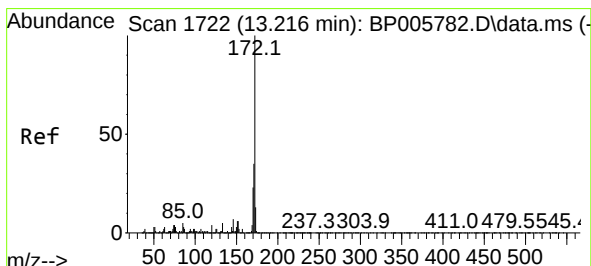
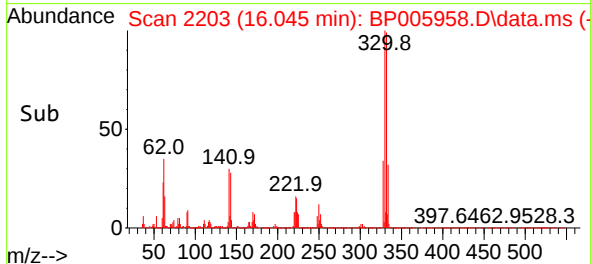
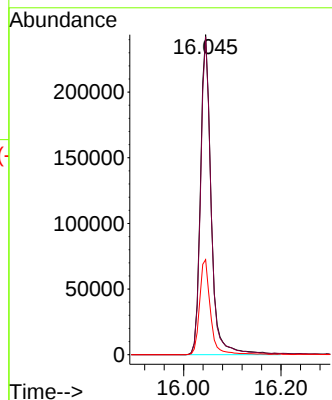
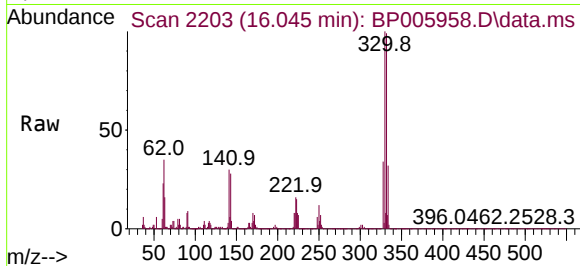




#42
2,4,6-Tribromophenol
Concen: 146.80 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

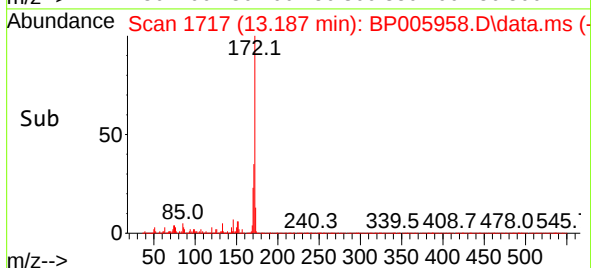
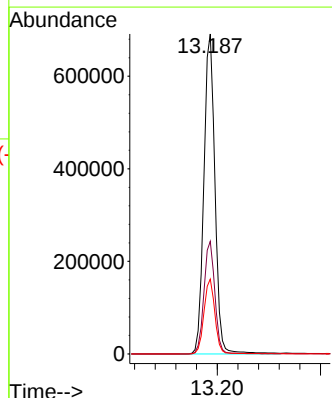
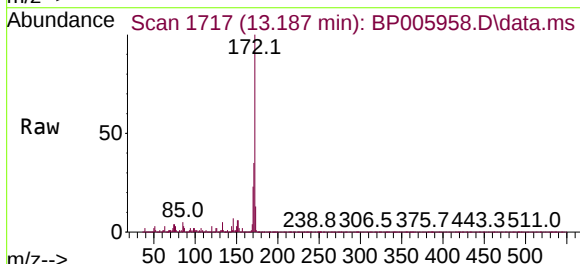
Instrument :
BNA_P
ClientSampleId :
17-B6(16-20)

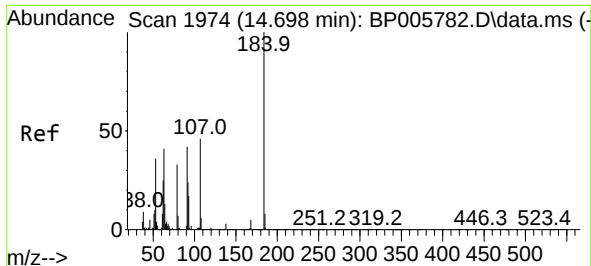
Tgt Ion:330 Resp: 372543
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 30.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 91.61 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Tgt Ion:172 Resp: 1031722
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.4 18.6 27.8

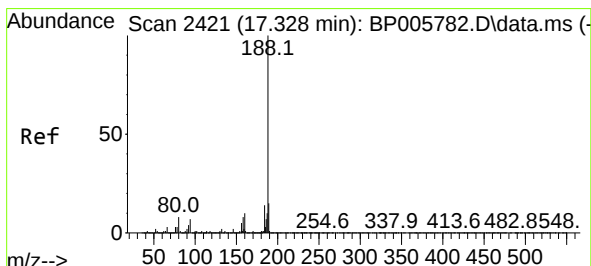
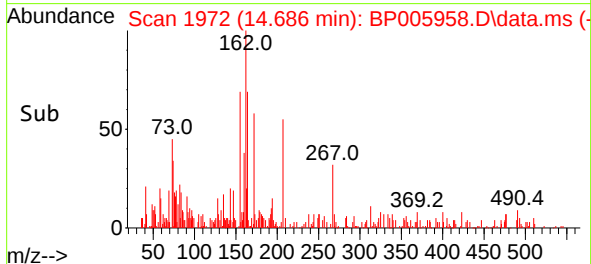
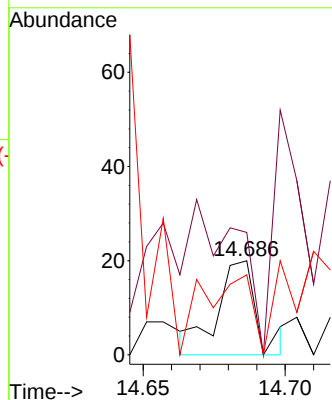
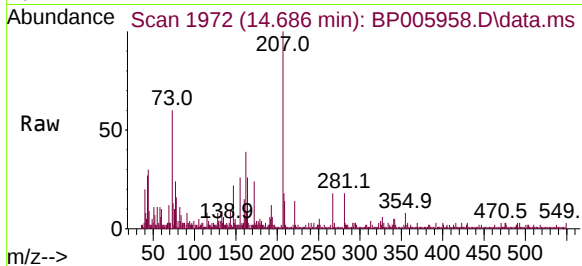




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

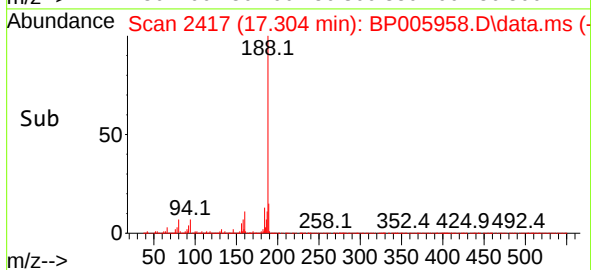
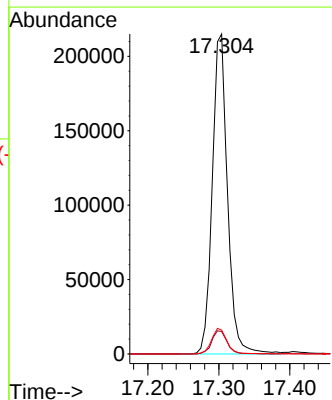
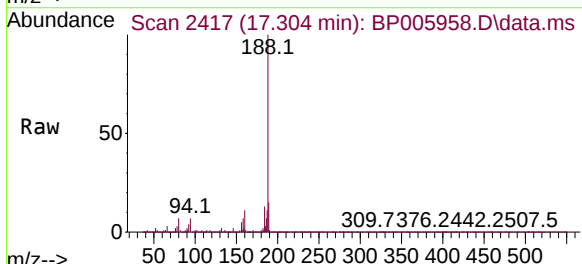
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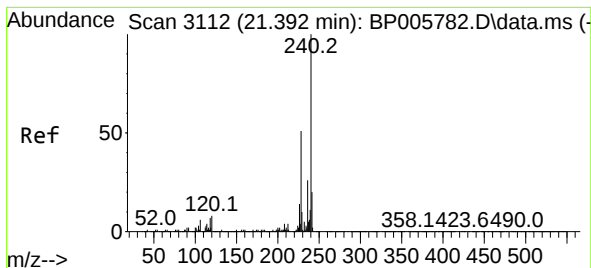
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 130.0 47.0 70.6#
154 85.0 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Tgt Ion:188 Resp: 320647
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.4 6.3 9.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP005958.D

Acq: 16 Jun 2021 20:31

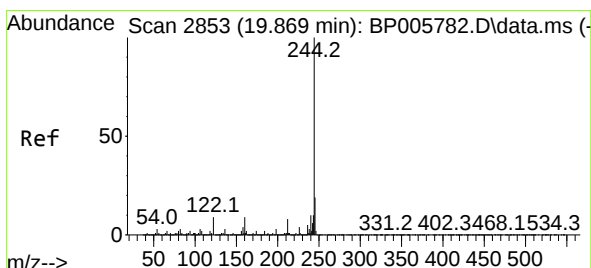
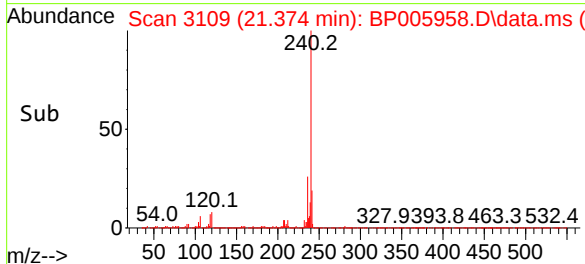
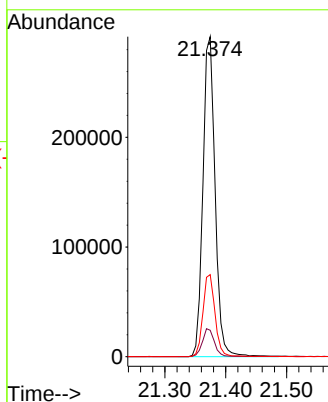
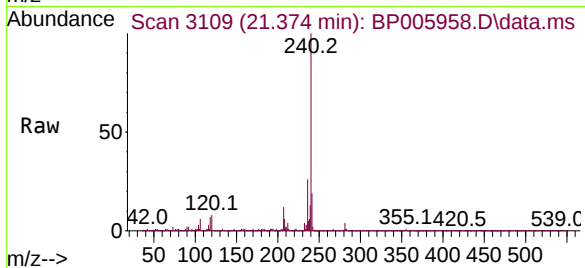
Instrument :

BNA_P

ClientSampleId :

17-B6(16-20)

Tgt Ion:	240	Resp:	404897
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.5	9.7
236	25.7	20.6	31.0



#79

Terphenyl-d14

Concen: 91.25 ng

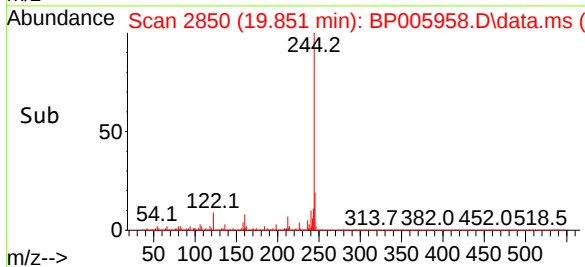
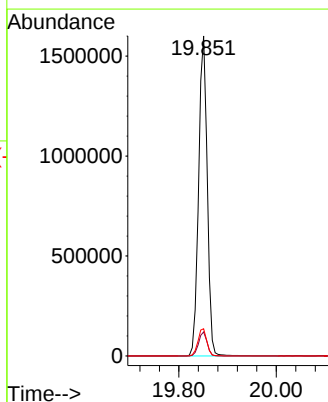
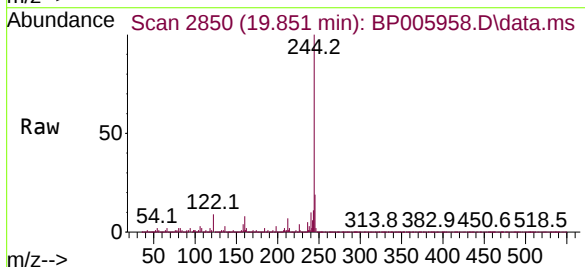
RT: 19.851 min Scan# 2850

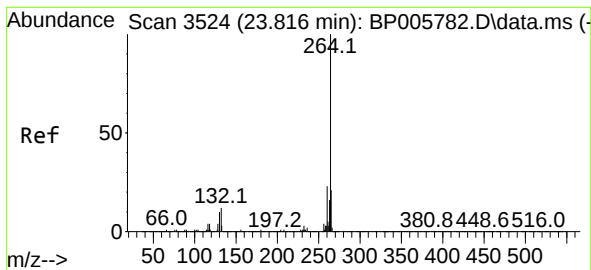
Delta R.T. -0.006 min

Lab File: BP005958.D

Acq: 16 Jun 2021 20:31

Tgt Ion:	244	Resp:	1973145
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	8.5	7.1	10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3518
Delta R.T. -0.012 min
Lab File: BP005958.D
Acq: 16 Jun 2021 20:31

Instrument :
BNA_P
ClientSampleId :
17-B6(16-20)

Tgt Ion:264 Resp: 462109

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.4	17.6	26.4

