

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005981.D
 Acq On : 18 Jun 2021 20:32
 Operator : CG/JU
 Sample : M2706-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CIEW_WC

Quant Time: Jun 19 00:26:49 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)

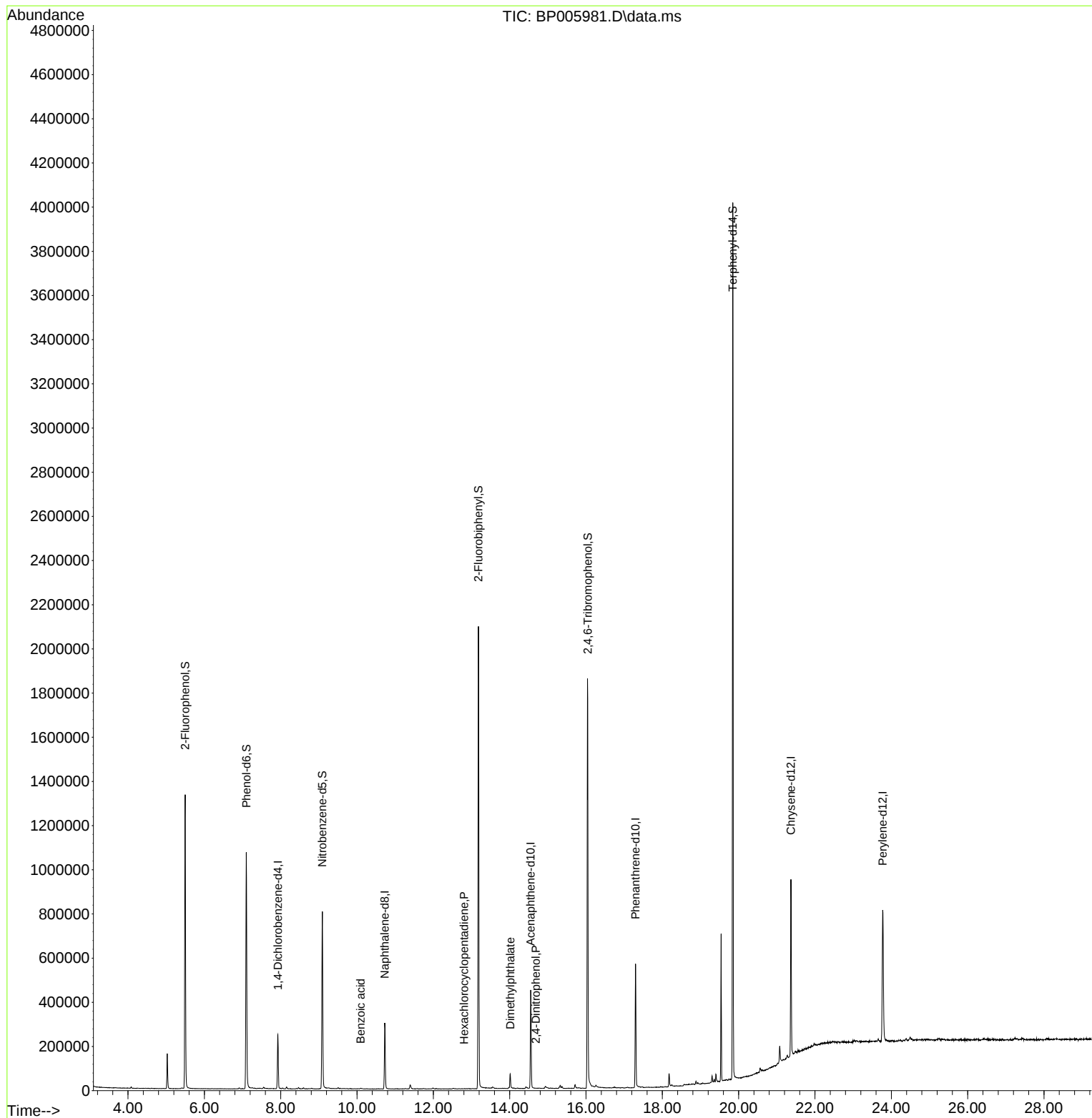
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	70748	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	259299	20.00	ng	0.00
39) Acenaphthene-d10	14.551	164	158480	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	334677	20.00	ng	0.00
76) Chrysene-d12	21.368	240	414002	20.00	ng	-0.01
86) Perylene-d12	23.774	264	476830	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	599353	135.94	ng	0.00
7) Phenol-d6	7.099	99	635264	111.16	ng	0.00
23) Nitrobenzene-d5	9.093	82	474055	89.63	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	408733	150.29	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1078097	89.33	ng	0.00
79) Terphenyl-d14	19.845	244	1750954	79.19	ng	-0.01
Target Compounds						
32) Benzoic acid	10.092	122	159	6.37	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.810	237	10	5.51	ng	94
50) Dimethylphthalate	14.016	163	45989	3.53	ng	100
54) 2,4-Dinitrophenol	14.686	184	28	4.86	ng	# 58

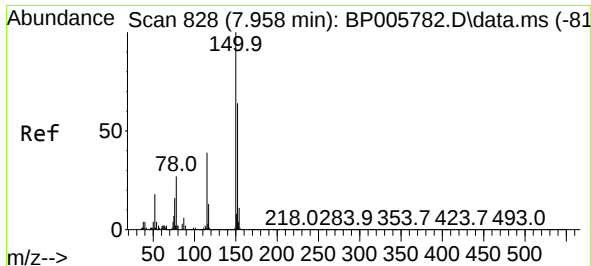
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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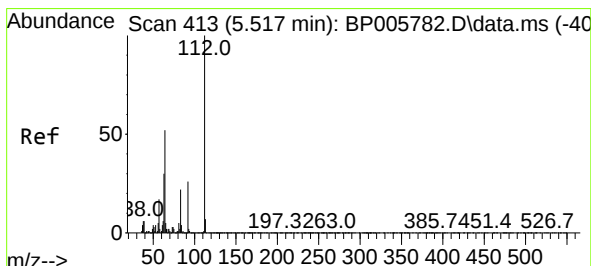
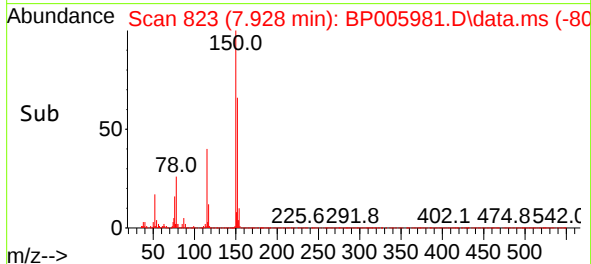
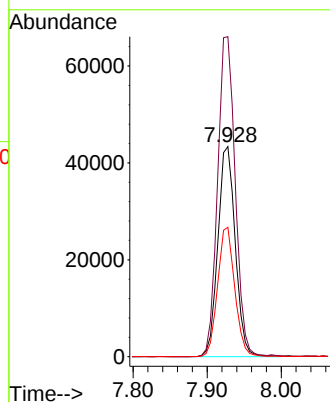
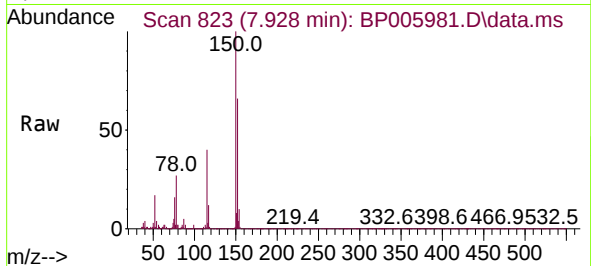




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

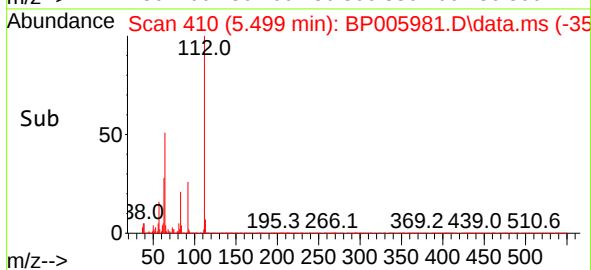
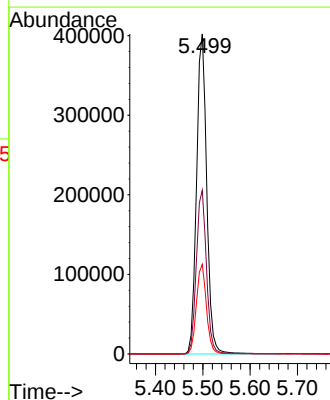
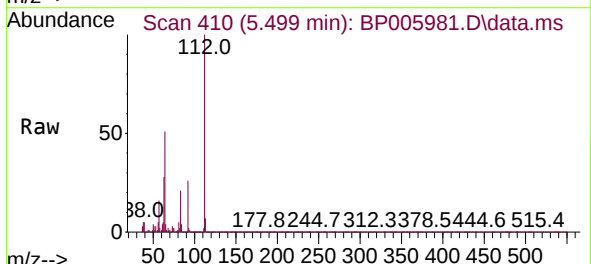
Instrument :
BNA_P
ClientSampleId :
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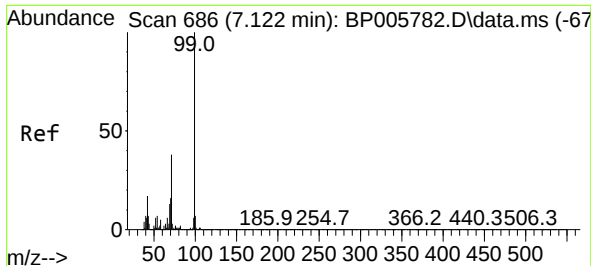
Tgt Ion:152 Resp: 70748
Ion Ratio Lower Upper
152 100
150 152.3 125.6 188.4
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 135.94 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion:112 Resp: 599353
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 28.0 23.8 35.8

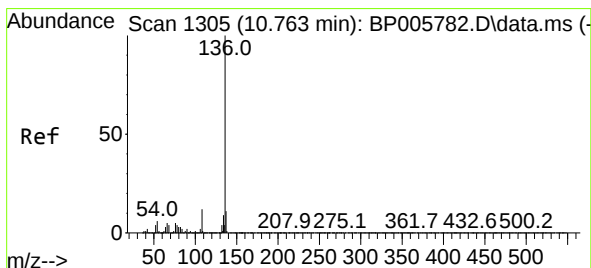
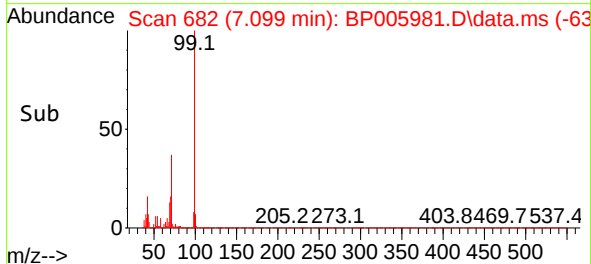
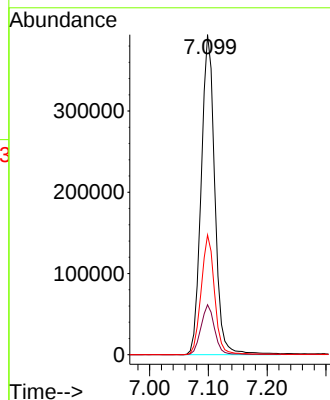
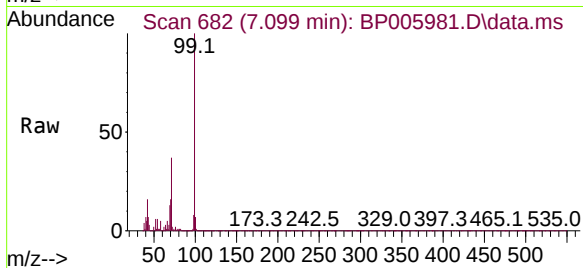




#7
Phenol-d6
Concen: 111.16 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

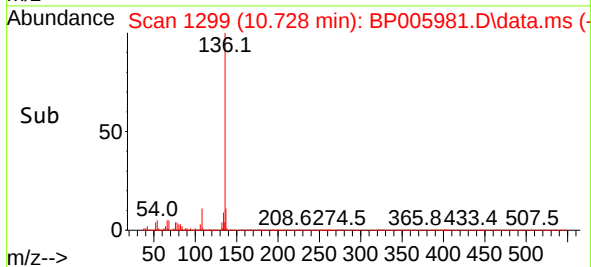
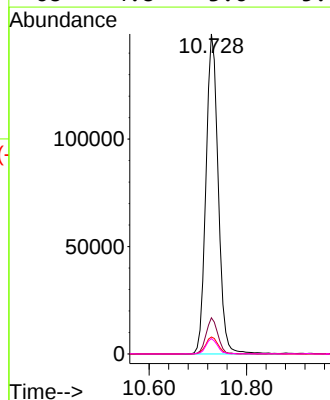
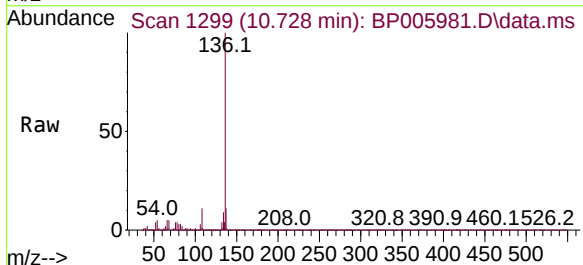
Instrument :
BNA_P
ClientSampleId :
CIEW_WC

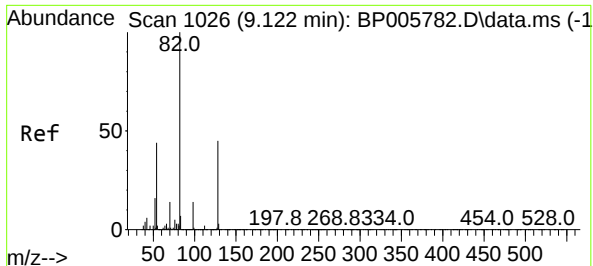
Tgt Ion:	99	Resp:	635264
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	37.4	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion:	136	Resp:	259299
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	5.3	4.6	6.8
68	4.8	3.6	5.4

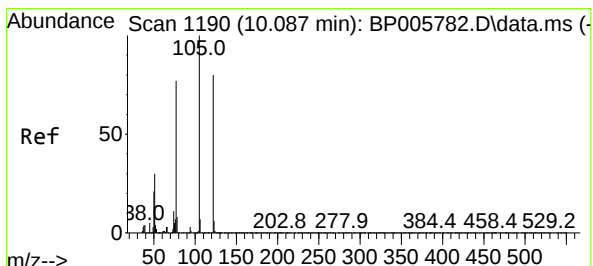
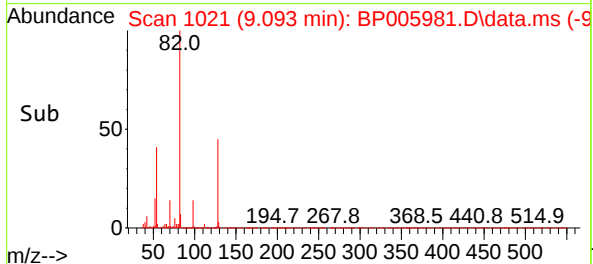
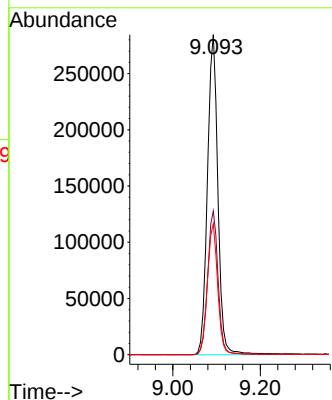
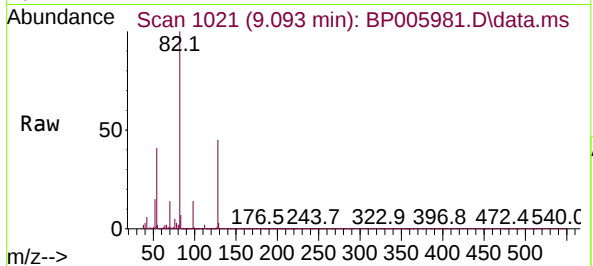




#23
Nitrobenzene-d5
Concen: 89.63 ng
RT: 9.093 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

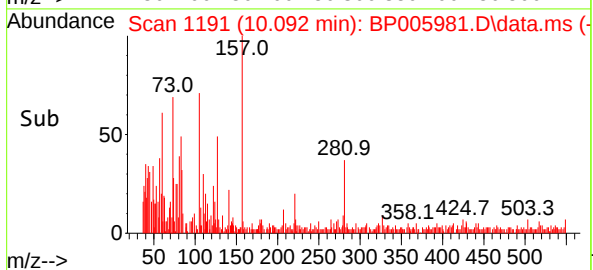
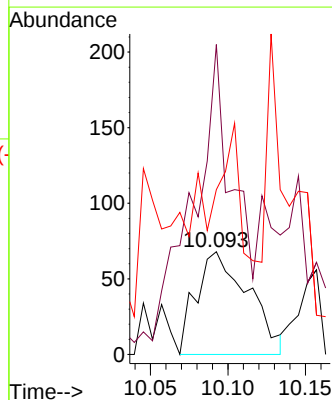
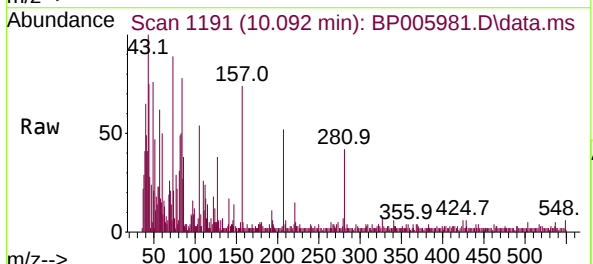
Instrument :
BNA_P
ClientSampleId :
CIEW_WC

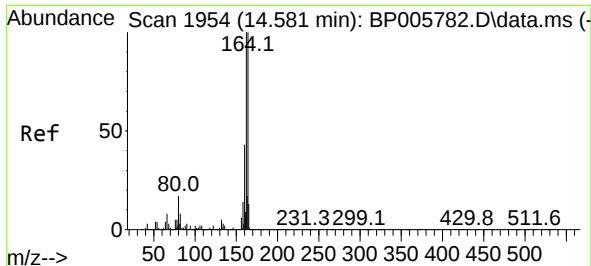
Tgt Ion: 82 Resp: 474055
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 40.9 35.0 52.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.092 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion: 122 Resp: 159
Ion Ratio Lower Upper
122 100
105 301.5 103.2 143.2#
77 160.3 76.2 116.2#

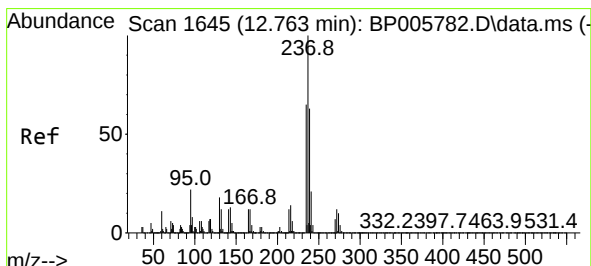
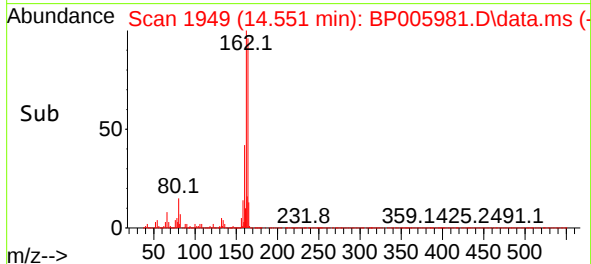
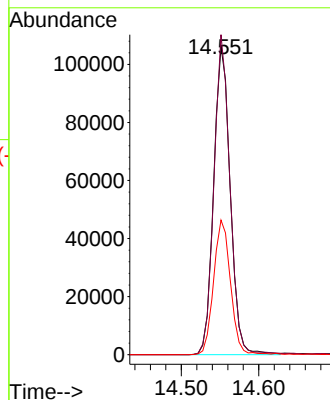
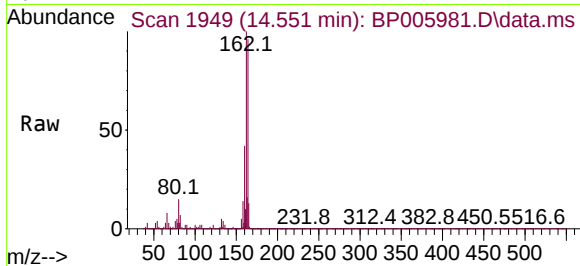




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

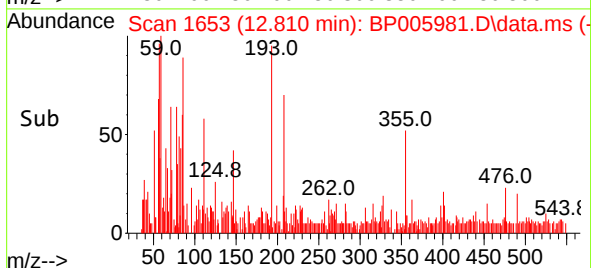
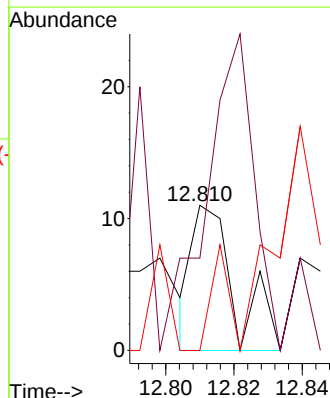
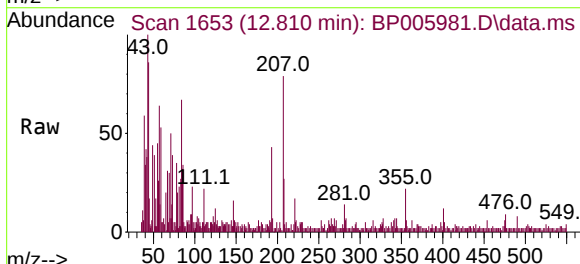
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BNA_P
ClientSampleId :
CIEW_WC

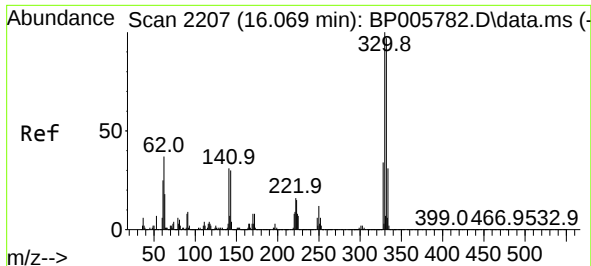
Tgt Ion:164 Resp: 158480
Ion Ratio Lower Upper
164 100
162 103.9 80.2 120.2
160 43.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.076 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 63.6 44.5 84.5
272 0.0 0.0 32.5

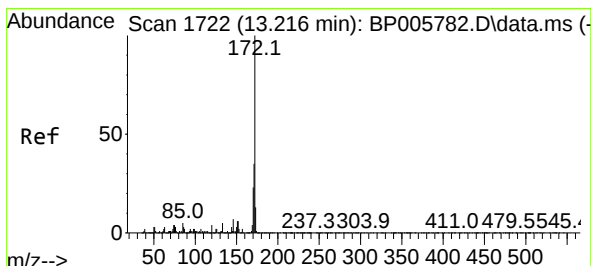
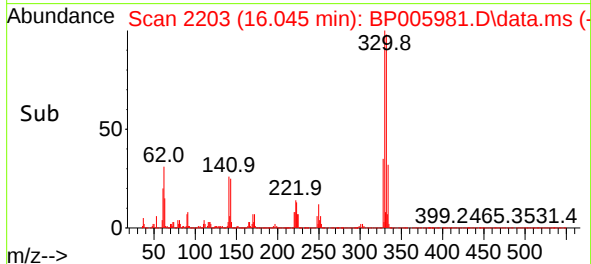
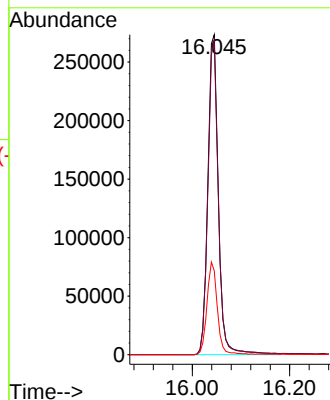
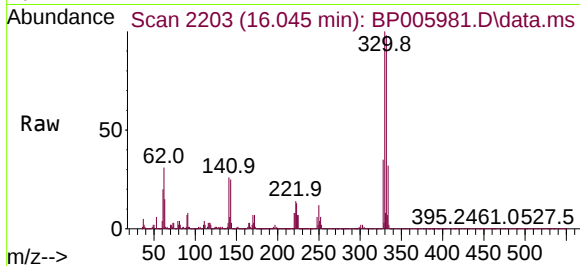




#42
2,4,6-Tribromophenol
Concen: 150.29 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

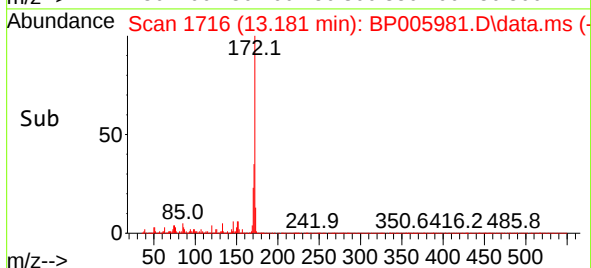
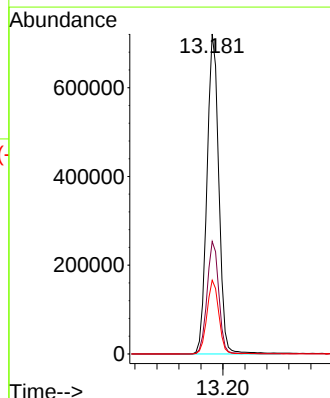
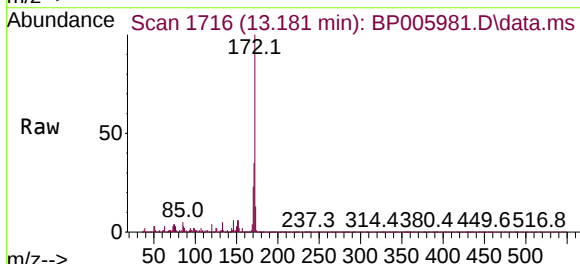
Instrument :
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ClientSampleId :
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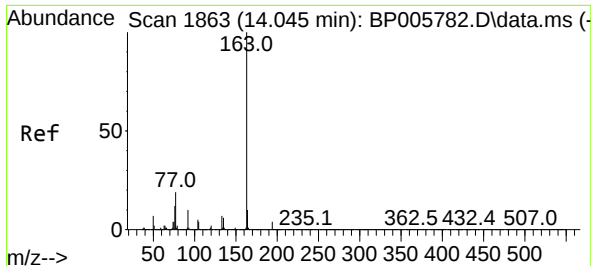
Tgt Ion:330 Resp: 408733
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 28.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.33 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion:172 Resp: 1078097
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.1 18.6 27.8

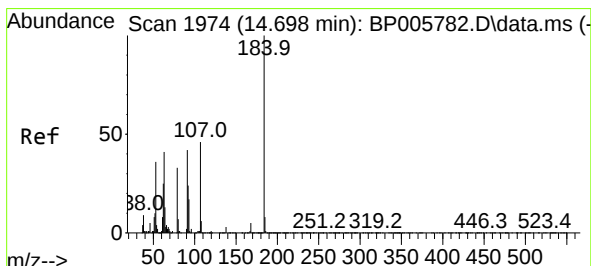
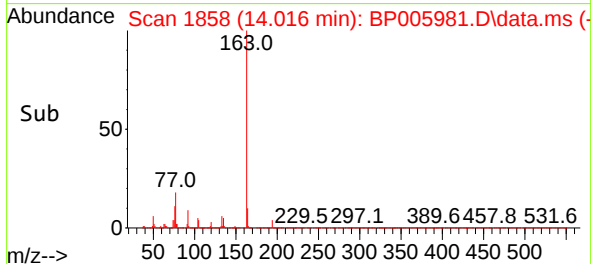
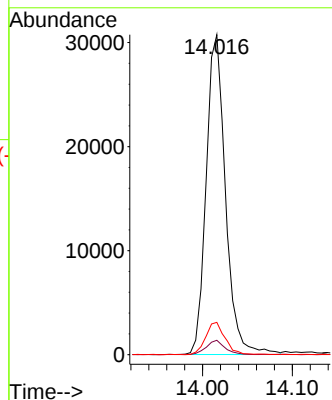
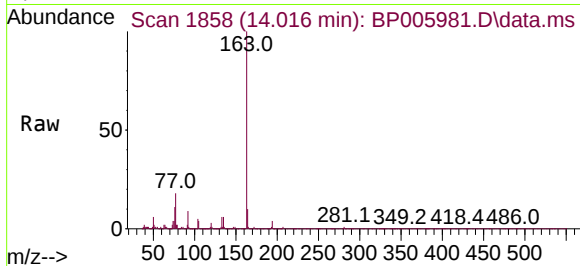




#50
Dimethylphthalate
Concen: 3.53 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

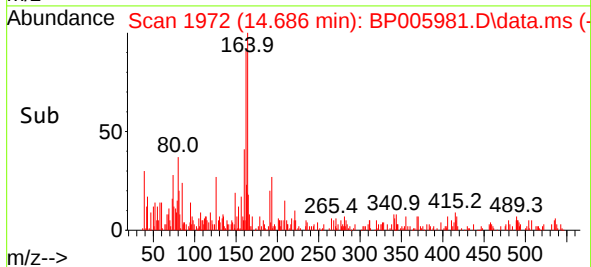
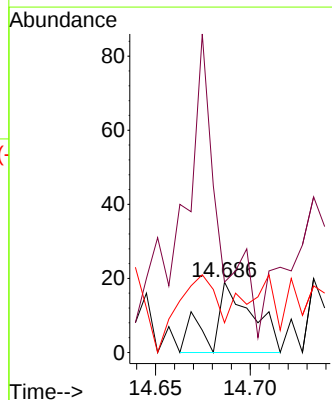
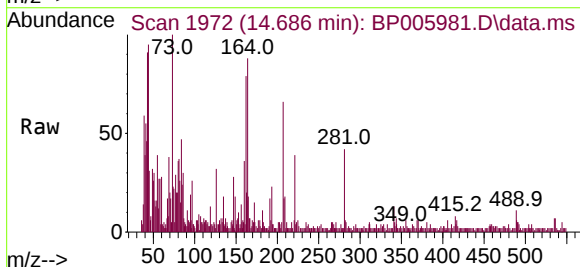
Instrument :
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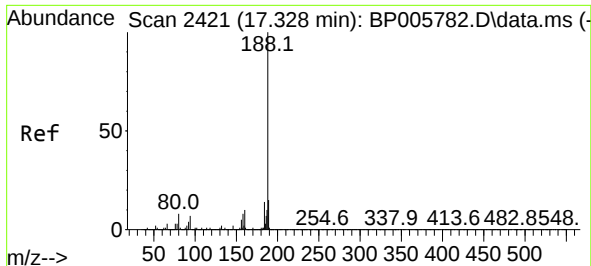
Tgt Ion:163 Resp: 45989
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 100.0 47.0 70.6#
154 42.1 52.3 78.5#

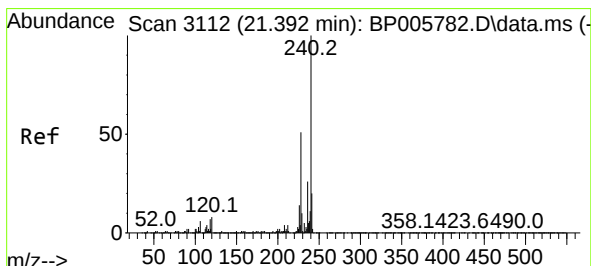
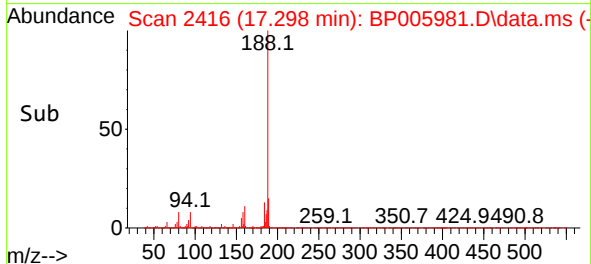
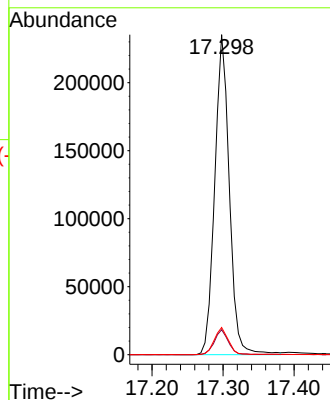
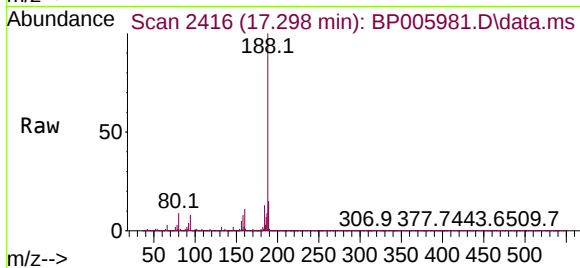




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

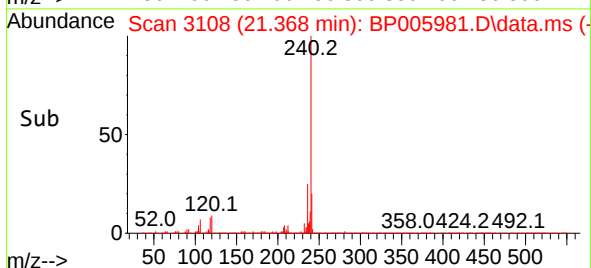
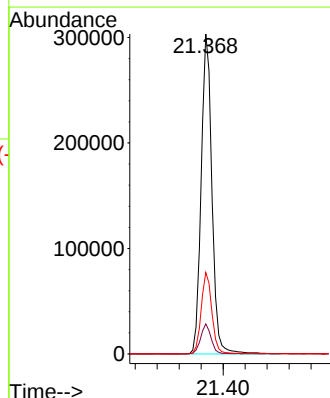
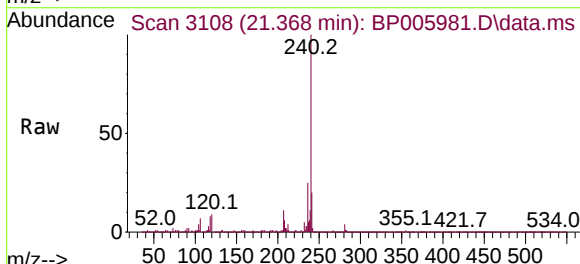
Instrument :
BNA_P
ClientSampleId :
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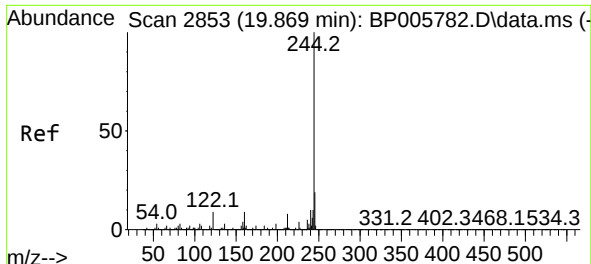
Tgt Ion:188 Resp: 334677
Ion Ratio Lower Upper
188 100
94 7.8 5.6 8.4
80 8.5 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP005981.D
Acq: 18 Jun 2021 20:32

Tgt Ion:240 Resp: 414002
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.4 20.6 31.0



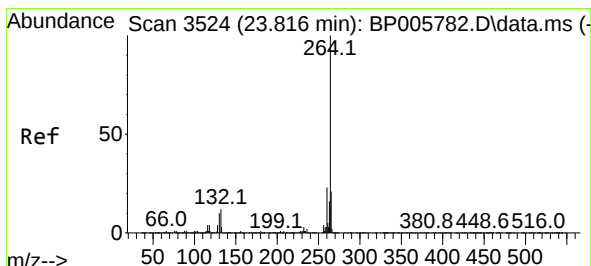
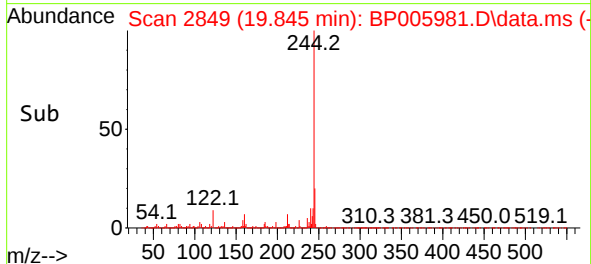
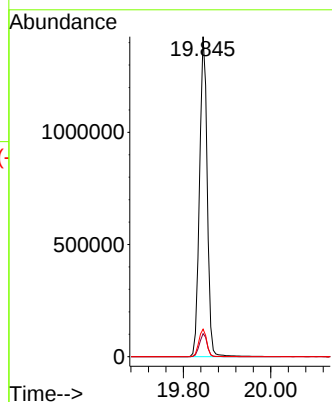
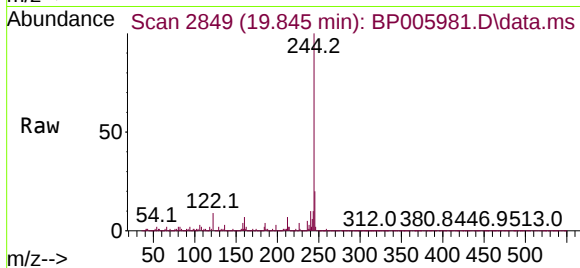


#79
 Terphenyl-d14
 Concen: 79.19 ng
 RT: 19.845 min Scan# 2849
 Delta R.T. -0.012 min
 Lab File: BP005981.D
 Acq: 18 Jun 2021 20:32

Instrument :
 BNA_P
 ClientSampleId :
 CIEW_WC

Tgt Ion:244 Resp: 1750954

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	8.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.774 min Scan# 3517
 Delta R.T. -0.018 min
 Lab File: BP005981.D
 Acq: 18 Jun 2021 20:32

Tgt Ion:264 Resp: 476830

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.0	17.6	26.4

