

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062121\
 Data File : BP006003.D
 Acq On : 21 Jun 2021 20:16
 Operator : CG/JU
 Sample : M2777-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 X-4

Quant Time: Jun 22 00:54:30 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)

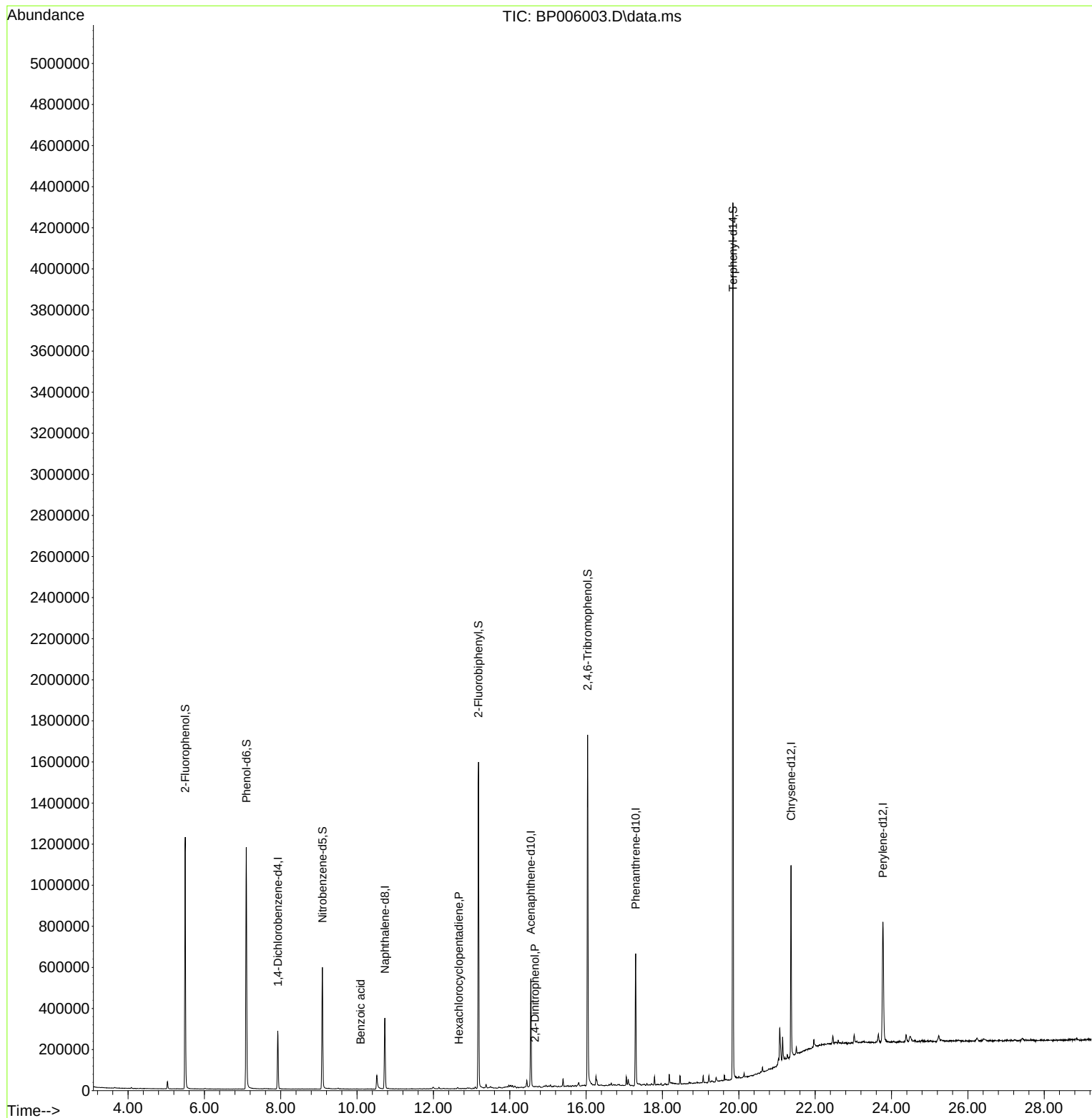
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	78395	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	296388	20.00	ng	0.00
39) Acenaphthene-d10	14.551	164	183029	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	392228	20.00	ng	0.00
76) Chrysene-d12	21.369	240	465440	20.00	ng	-0.01
86) Perylene-d12	23.774	264	509052	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	561026	114.83	ng	0.00
7) Phenol-d6	7.099	99	703950	111.17	ng	0.00
23) Nitrobenzene-d5	9.093	82	375826	62.17	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	372820	118.70	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	824243	59.13	ng	0.00
79) Terphenyl-d14	19.845	244	1941782	78.12	ng	-0.01
Target Compounds						
32) Benzoic acid	10.093	122	17	6.32	ng	# 71
41) Hexachlorocyclopentadiene	12.669	237	11	5.51	ng	91
54) 2,4-Dinitrophenol	14.657	184	4	4.85	ng	# 17

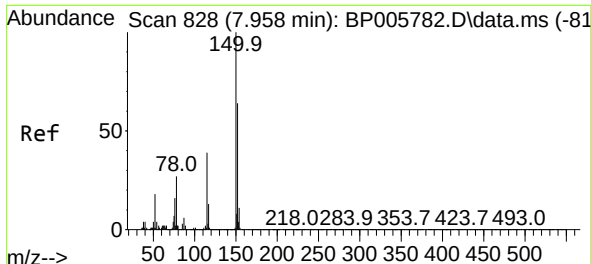
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

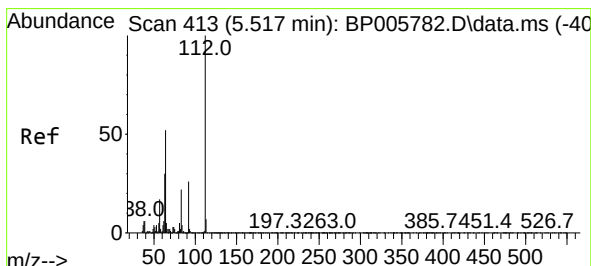
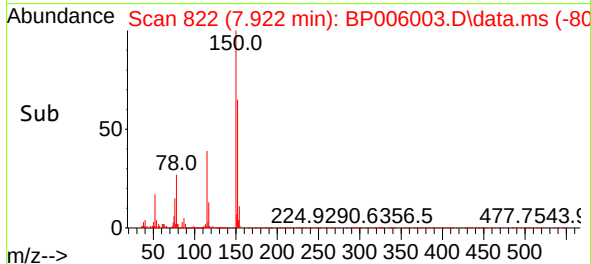
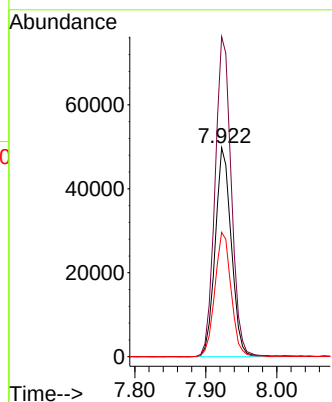
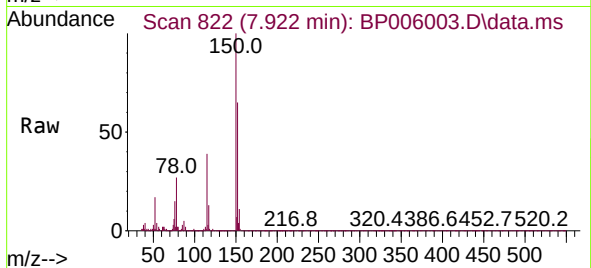




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

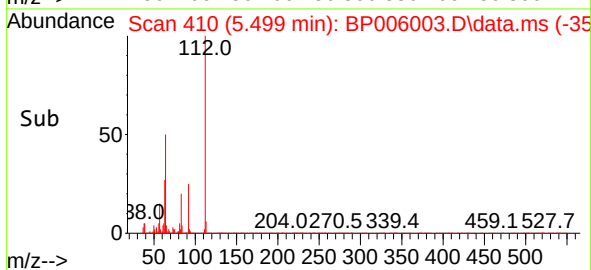
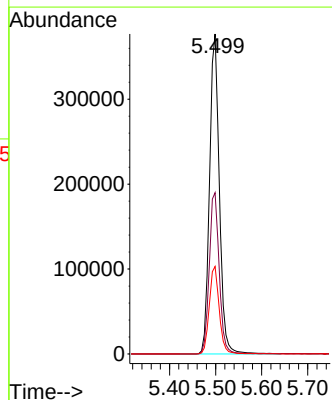
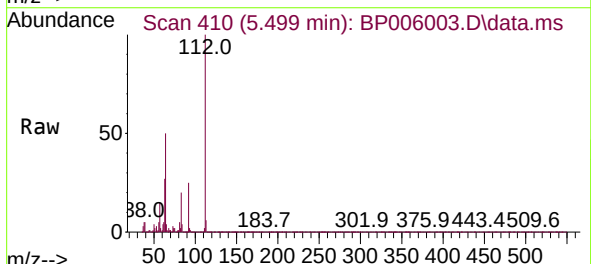
Instrument :
BNA_P
ClientSampleId :
X-4

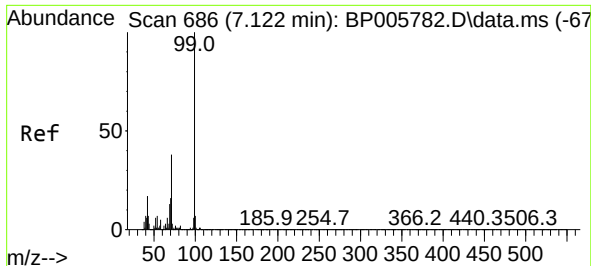
Tgt Ion:152 Resp: 78395
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 59.5 48.5 72.7



#5
2-Fluorophenol
Concen: 114.83 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.000 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Tgt Ion:112 Resp: 561026
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 27.4 23.8 35.8

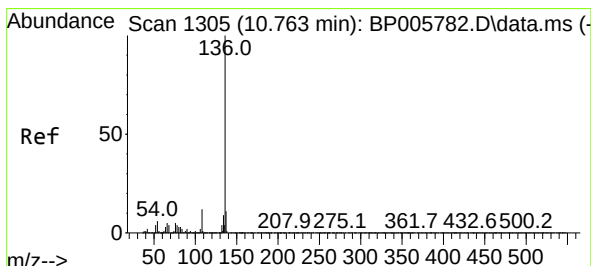
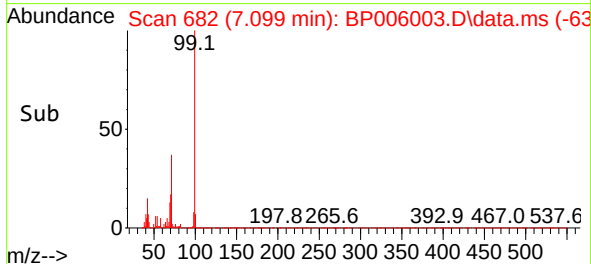
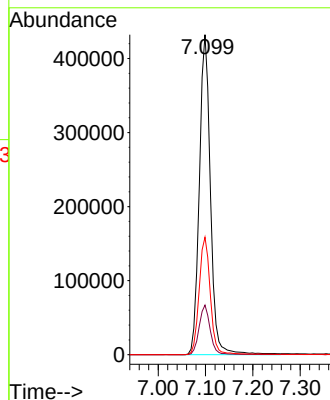
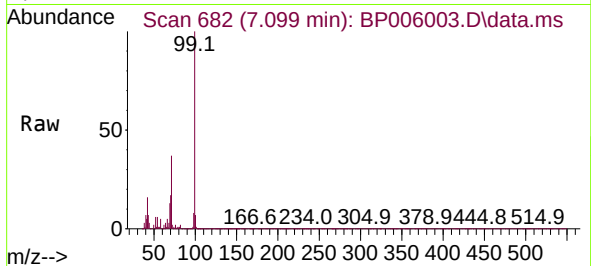




#7
Phenol-d6
Concen: 111.17 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

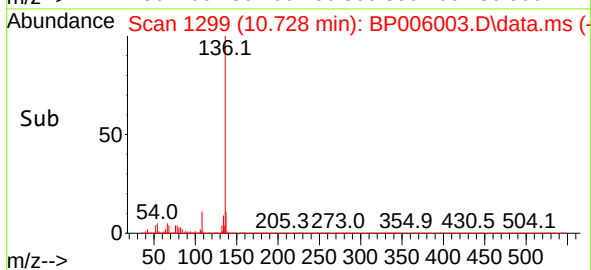
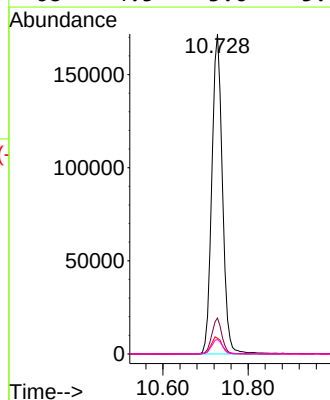
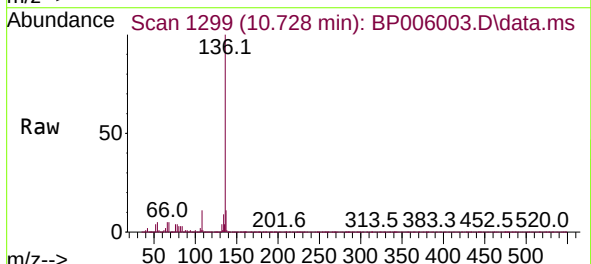
Instrument :
BNA_P
ClientSampled :
X-4

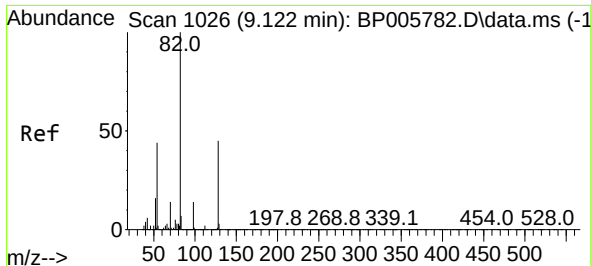
Tgt Ion: 99 Resp: 703950
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 36.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Tgt Ion: 136 Resp: 296388
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 4.9 4.6 6.8
68 4.5 3.6 5.4

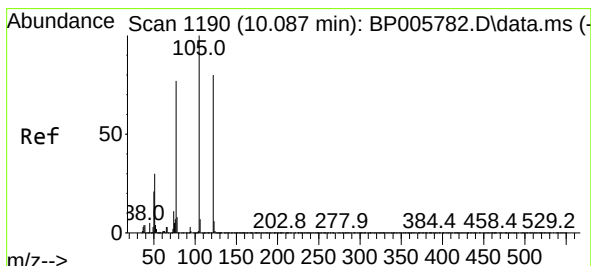
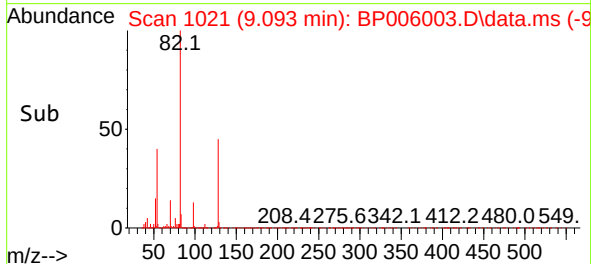
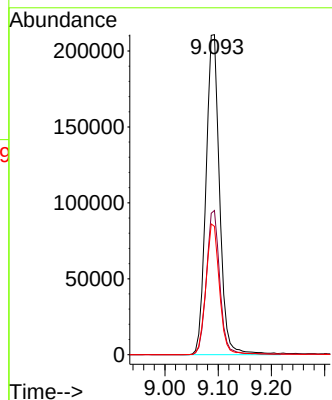
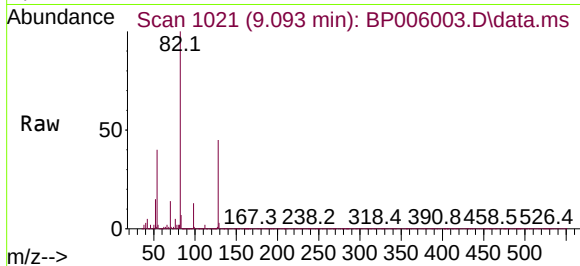




#23
Nitrobenzene-d5
Concen: 62.17 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

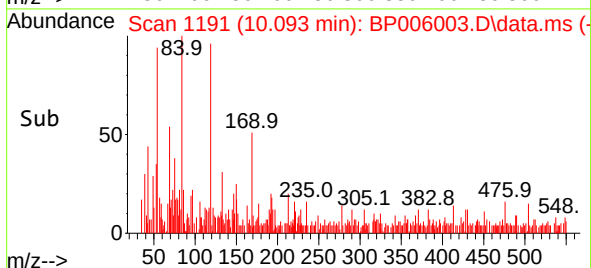
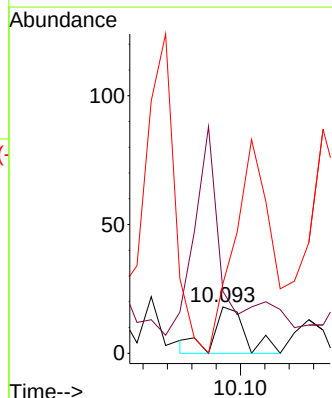
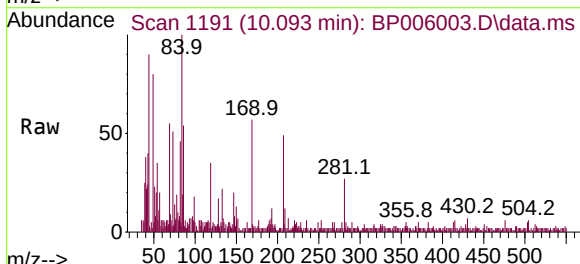
Instrument :
BNA_P
ClientSampled :
X-4

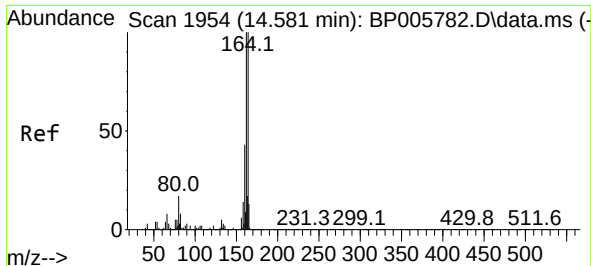
Tgt Ion: 82 Resp: 375826
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 40.1 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Tgt Ion: 122 Resp: 17
Ion Ratio Lower Upper
122 100
105 133.3 103.2 143.2
77 150.0 76.2 116.2#

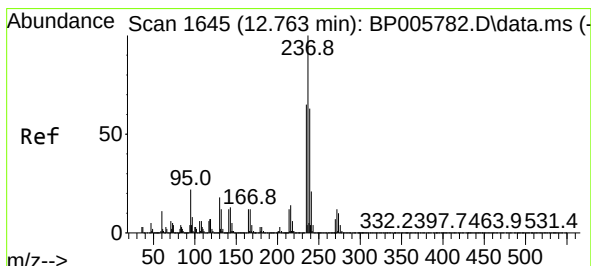
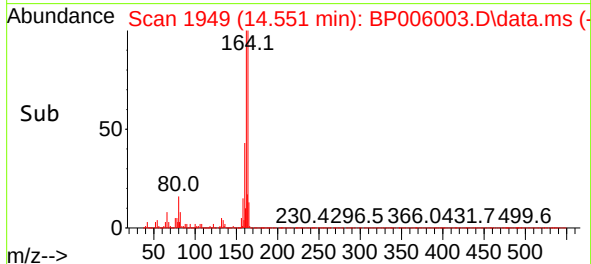
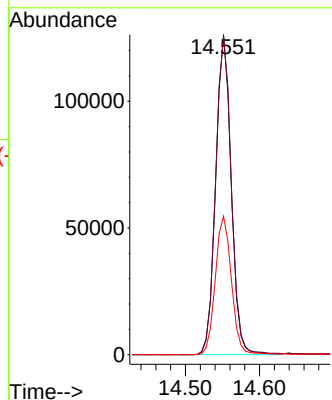
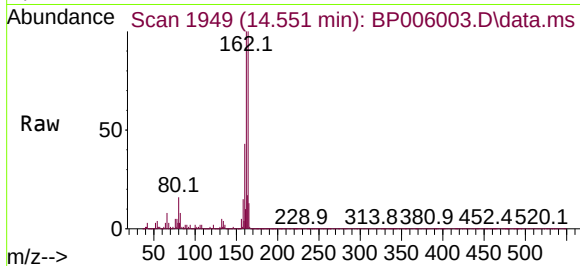




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

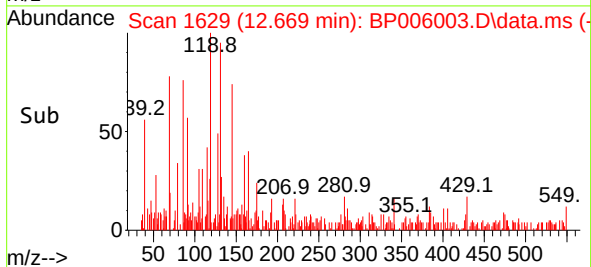
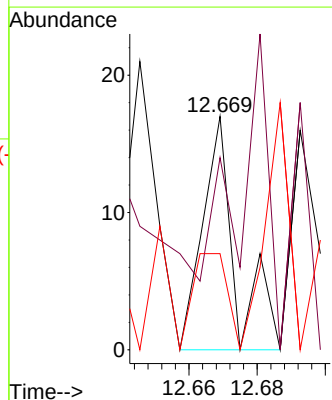
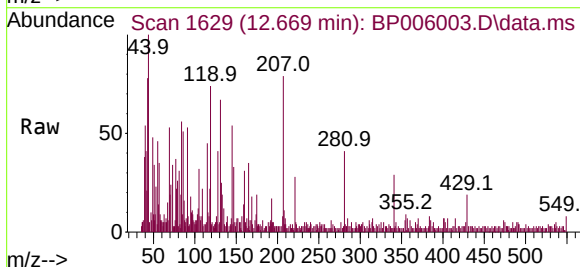
Instrument :
BNA_P
ClientSampled :
X-4

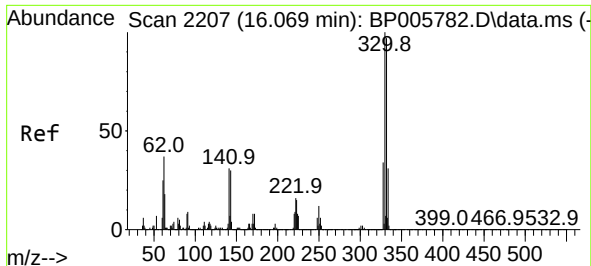
Tgt Ion:164 Resp: 183029
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 43.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.065 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 63.6 44.5 84.5
272 31.8 0.0 32.5

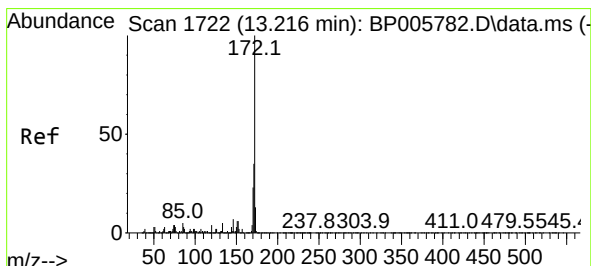
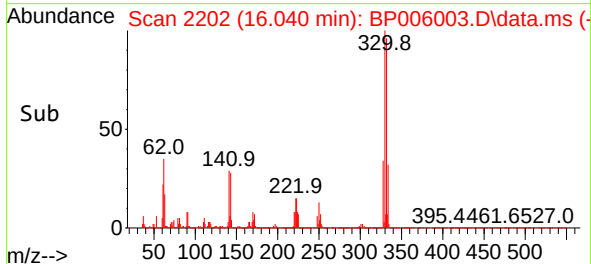
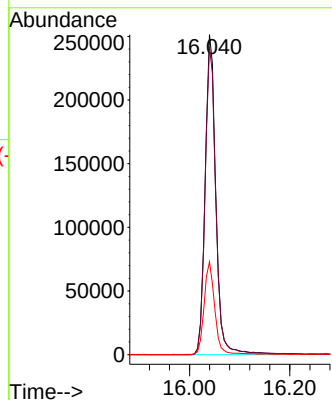
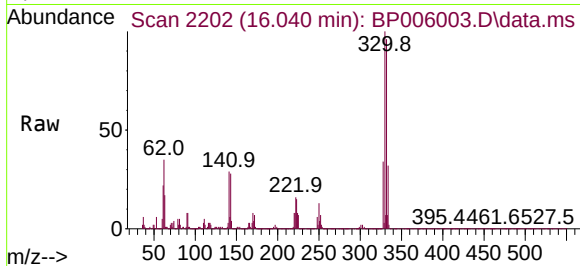




#42
2,4,6-Tribromophenol
Concen: 118.70 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

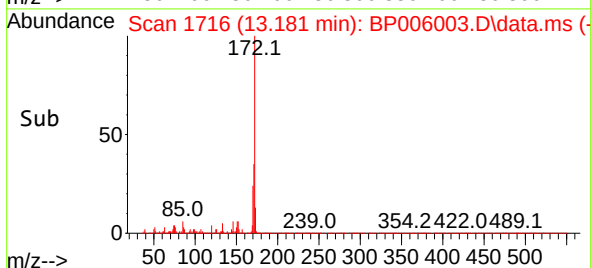
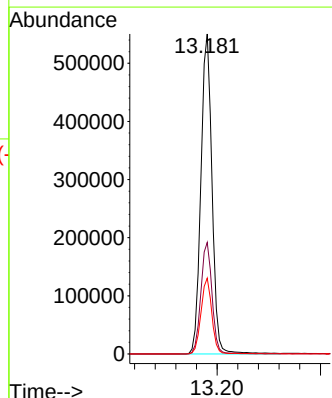
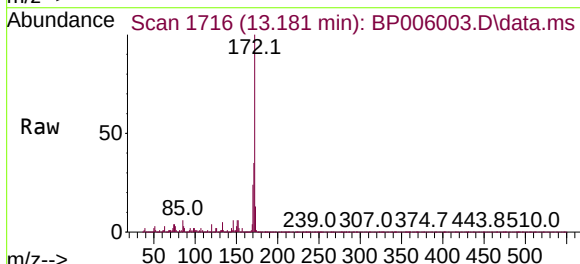
Instrument :
BNA_P
ClientSampled :
X-4

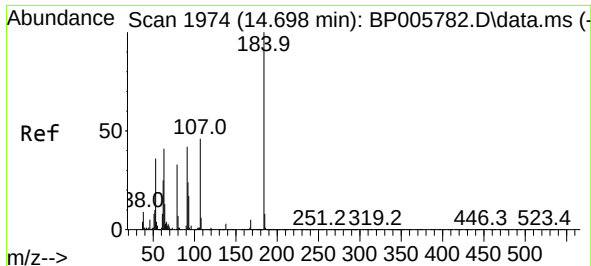
Tgt Ion:330 Resp: 372820
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.8
141 28.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.13 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Tgt Ion:172 Resp: 824243
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 18.6 27.8

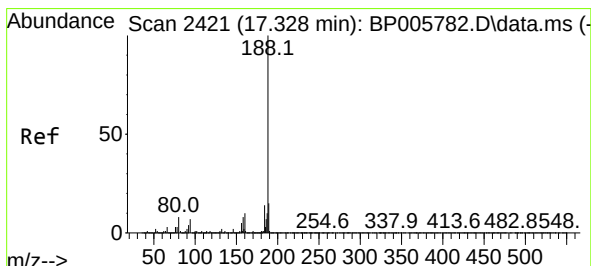
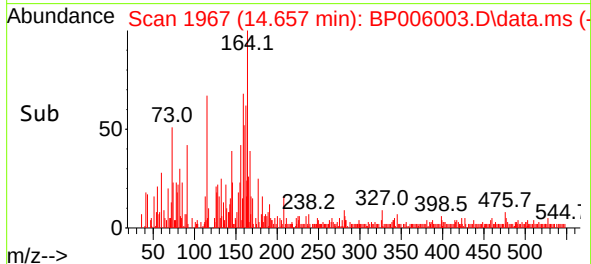
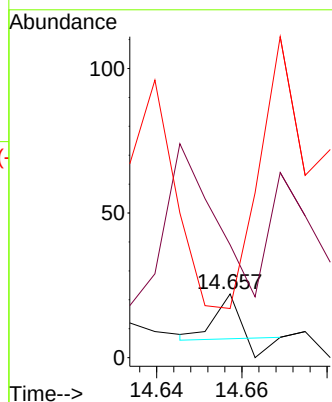
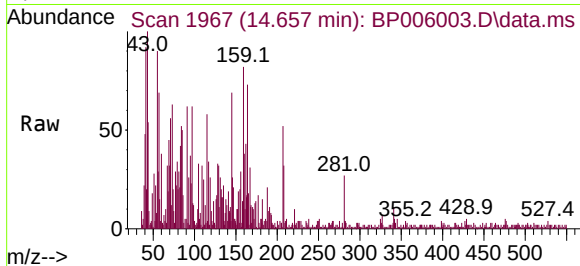




#54
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.023 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

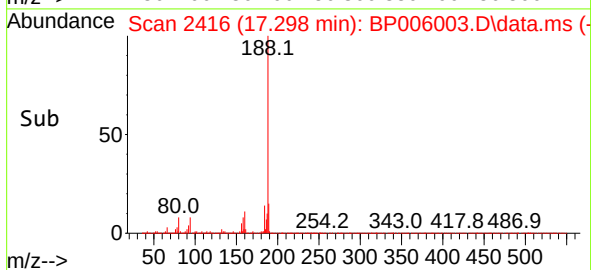
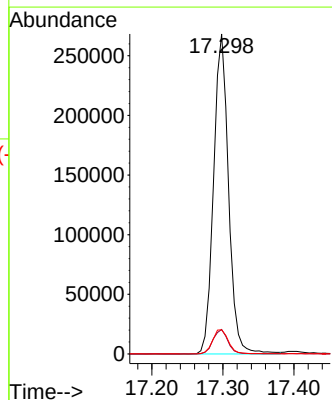
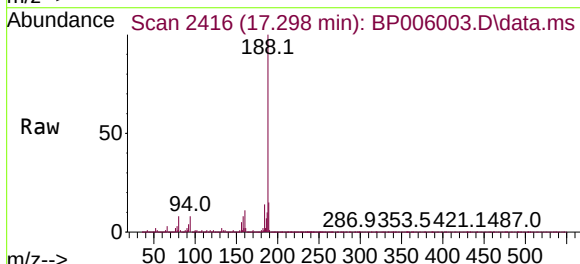
Instrument :
BNA_P
ClientSampled :
X-4

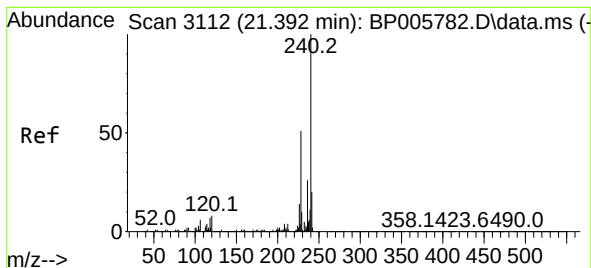
Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 177.3 47.0 70.6#
154 77.3 52.3 78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Tgt Ion:188 Resp: 392228
Ion Ratio Lower Upper
188 100
94 7.6 5.6 8.4
80 7.6 6.3 9.5





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.369 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BP006003.D

Acq: 21 Jun 2021 20:16

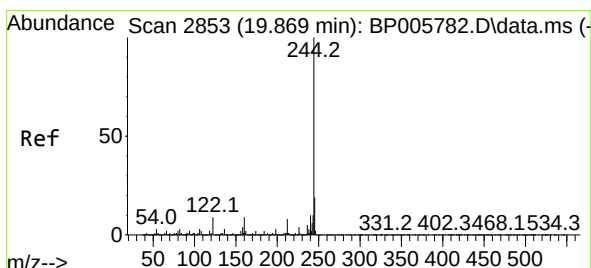
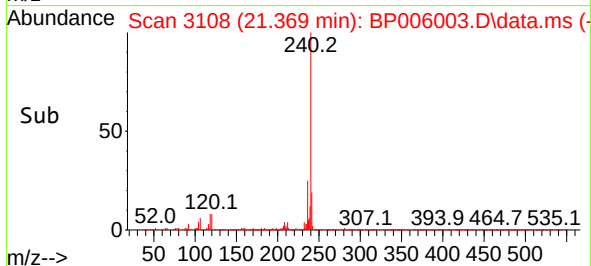
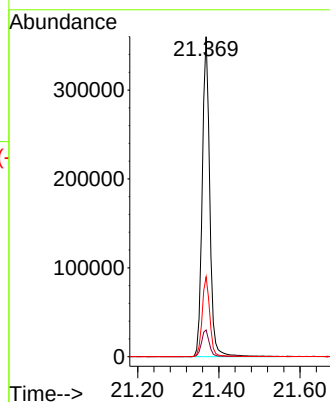
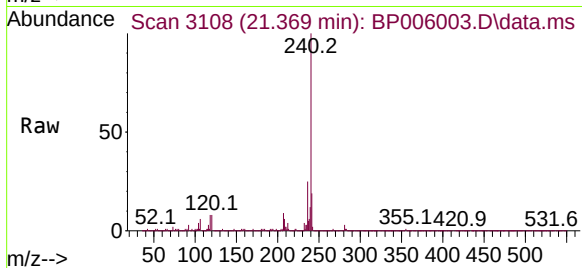
Instrument :

BNA_P

ClientSampled :

X-4

Tgt Ion:240	Resp: 465440
Ion Ratio	Lower Upper
240	100
120	8.3 6.5 9.7
236	24.9 20.6 31.0



#79

Terphenyl-d14

Concen: 78.12 ng

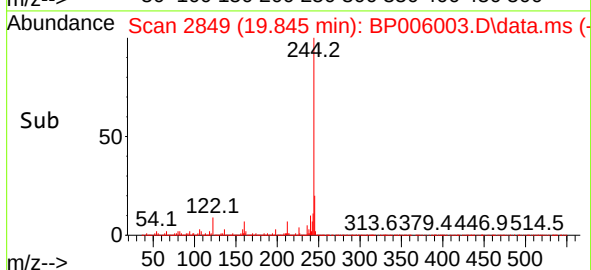
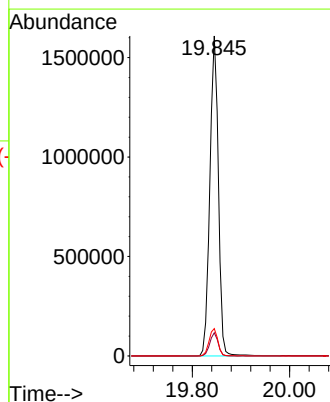
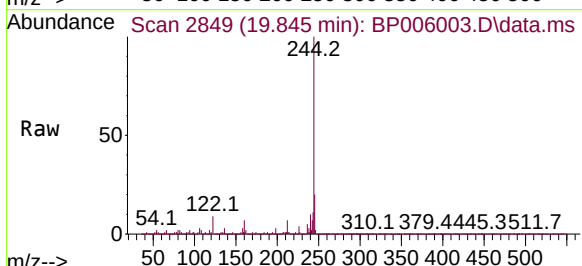
RT: 19.845 min Scan# 2849

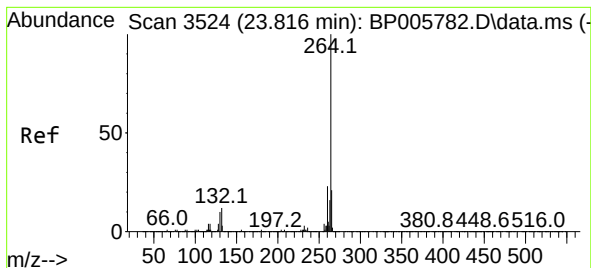
Delta R.T. -0.012 min

Lab File: BP006003.D

Acq: 21 Jun 2021 20:16

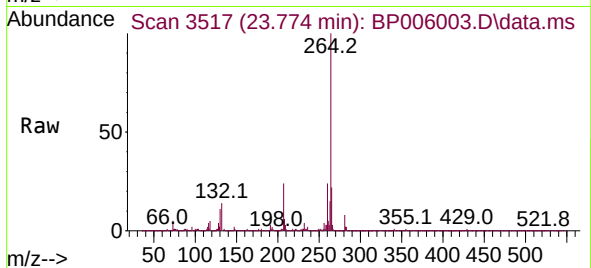
Tgt Ion:244	Resp: 1941782
Ion Ratio	Lower Upper
244	100
212	7.3 6.0 9.0
122	8.6 7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.017 min
Lab File: BP006003.D
Acq: 21 Jun 2021 20:16

Instrument :
BNA_P
ClientSampleId :
X-4



Tgt Ion:264 Resp: 509052

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.6	26.4

