

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006036.D
 Acq On : 23 Jun 2021 15:53
 Operator : CG/JU
 Sample : M2801-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Jun 24 01:16:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

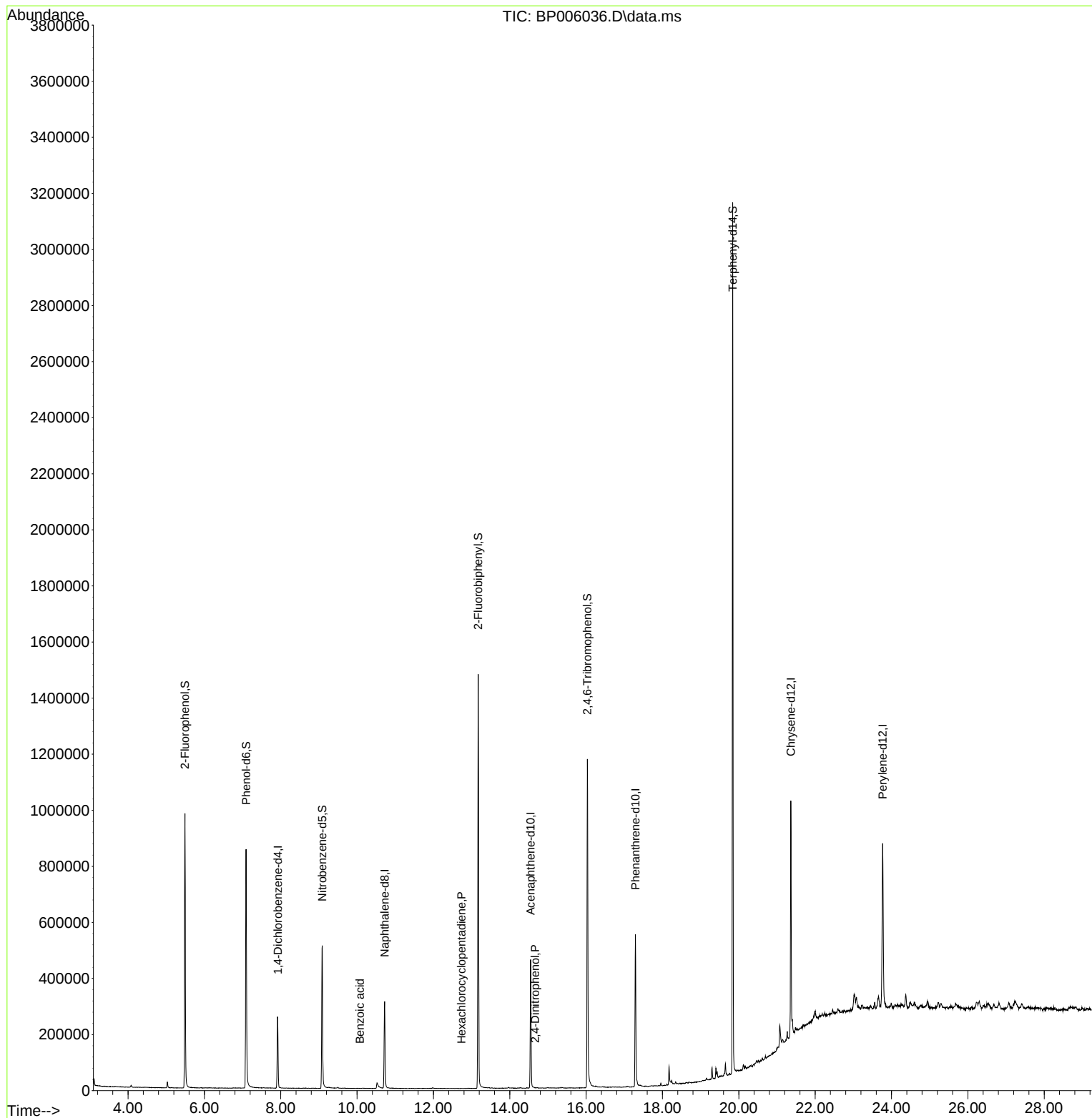
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	72999	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	275929	20.00	ng	0.00
39) Acenaphthene-d10	14.546	164	164815	20.00	ng	0.00
64) Phenanthrene-d10	17.292	188	342247	20.00	ng	0.00
76) Chrysene-d12	21.363	240	409709	20.00	ng	0.00
86) Perylene-d12	23.769	264	460295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	459720	101.05	ng	0.00
7) Phenol-d6	7.093	99	532836	90.36	ng	0.00
23) Nitrobenzene-d5	9.087	82	323585	57.49	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	267930	94.73	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	790497	62.98	ng	0.00
79) Terphenyl-d14	19.839	244	1407490	64.33	ng	0.00
Target Compounds						
32) Benzoic acid	10.075	122	8	6.32	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.734	237	9	5.51	ng	# 73
54) 2,4-Dinitrophenol	14.663	184	13	4.86	ng	93

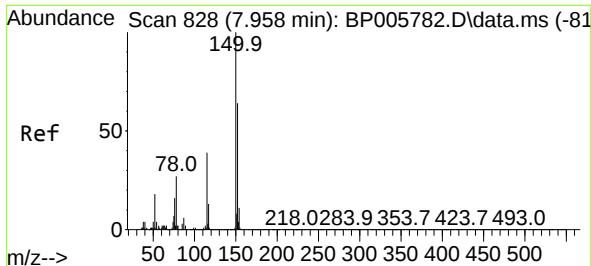
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 24 01:16:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

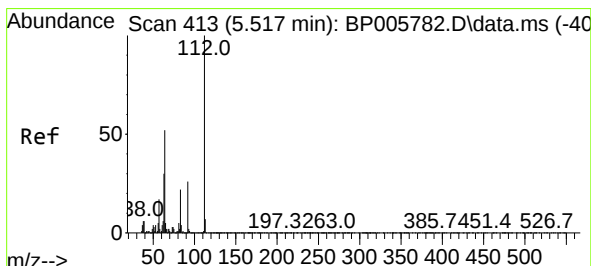
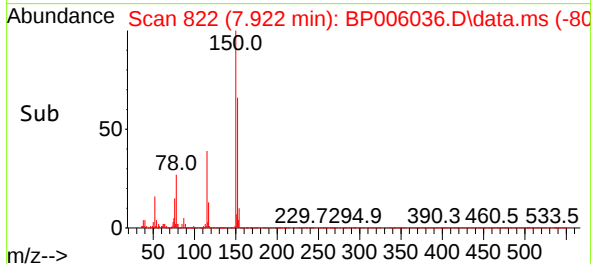
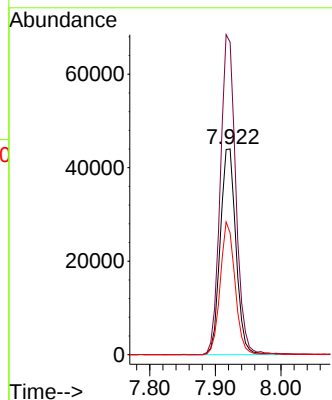
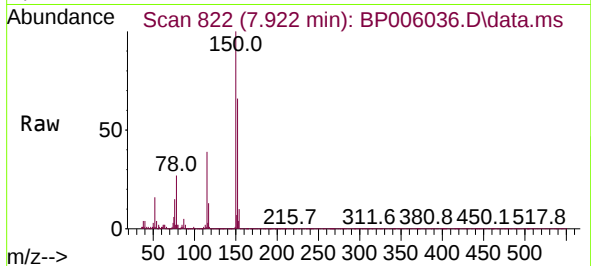




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

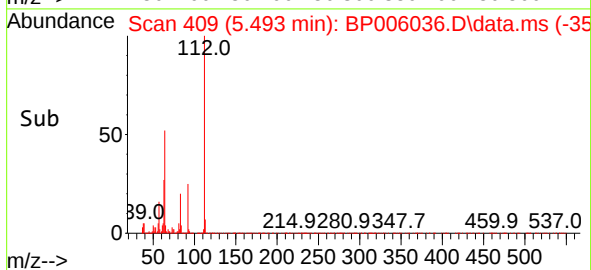
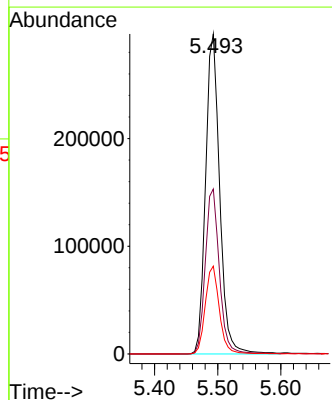
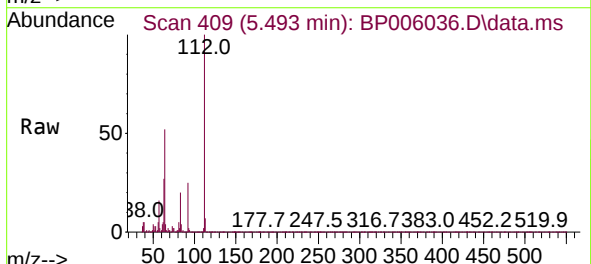
Instrument :
BNA_P
ClientSampled :
S-1

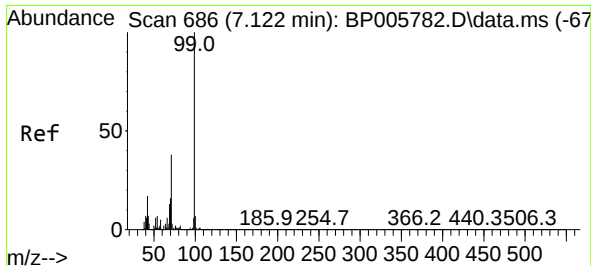
Tgt Ion:152 Resp: 72999
Ion Ratio Lower Upper
152 100
150 151.9 125.6 188.4
115 59.1 48.5 72.7



#5
2-Fluorophenol
Concen: 101.05 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

Tgt Ion:112 Resp: 459720
Ion Ratio Lower Upper
112 100
64 51.6 41.4 62.2
63 27.5 23.8 35.8

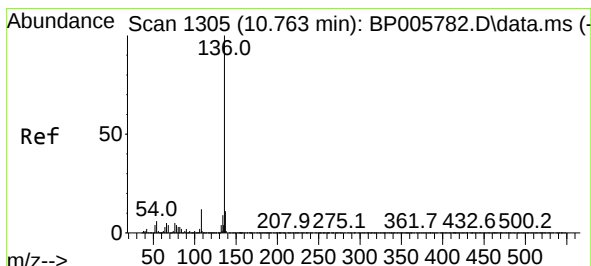
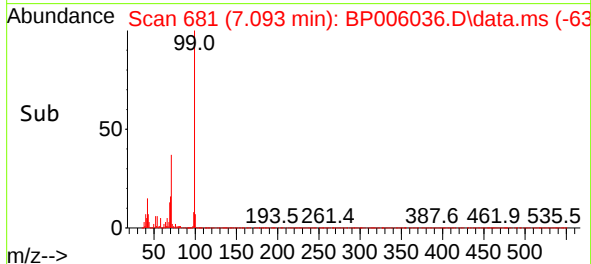
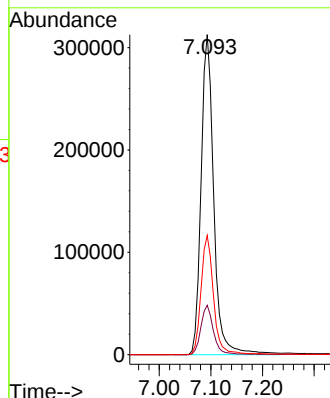
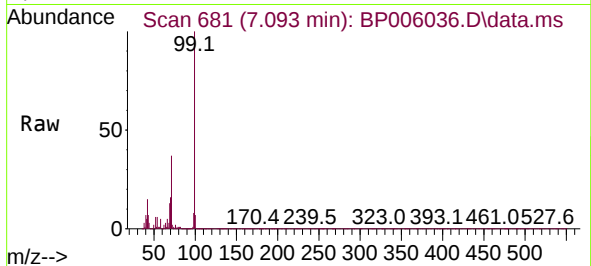




#7
Phenol-d6
Concen: 90.36 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

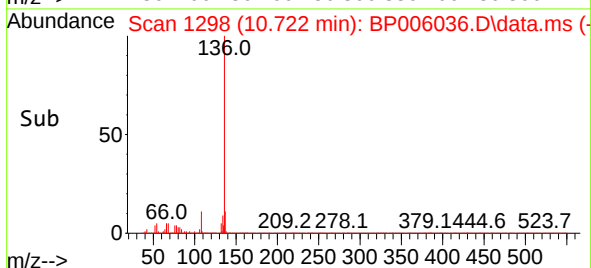
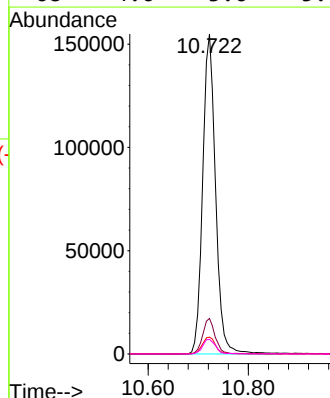
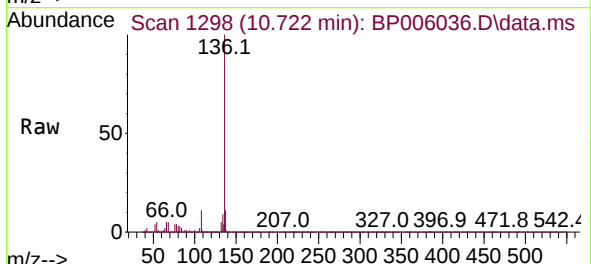
Instrument :
BNA_P
ClientSampled :
S-1

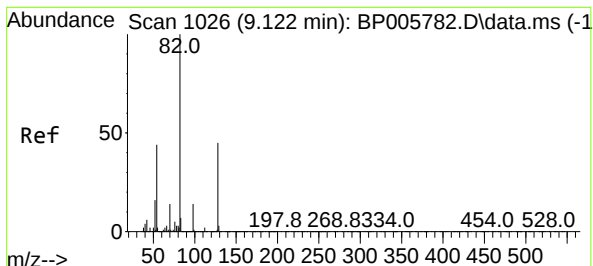
Tgt Ion: 99 Resp: 532836
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

Tgt Ion: 136 Resp: 275929
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.3 4.6 6.8
68 4.6 3.6 5.4

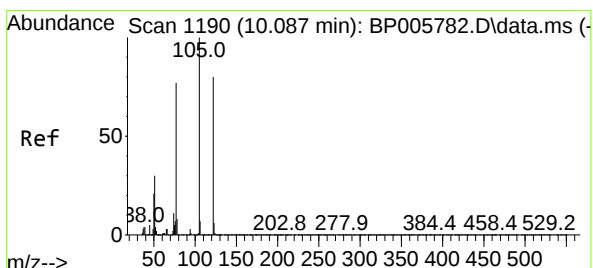
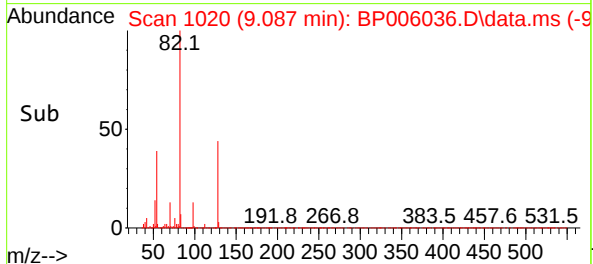
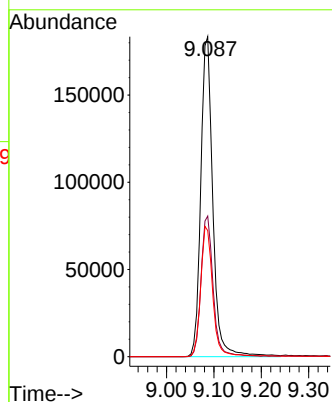
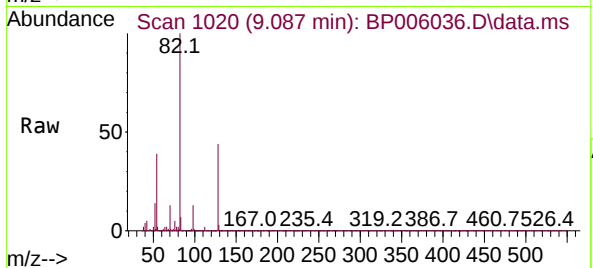




#23
Nitrobenzene-d5
Concen: 57.49 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

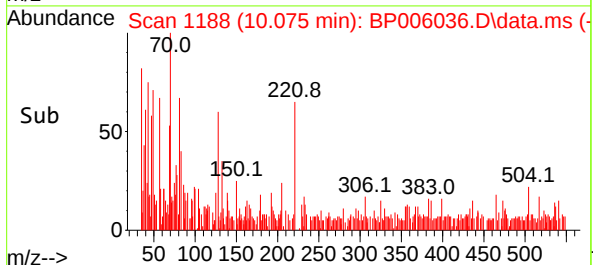
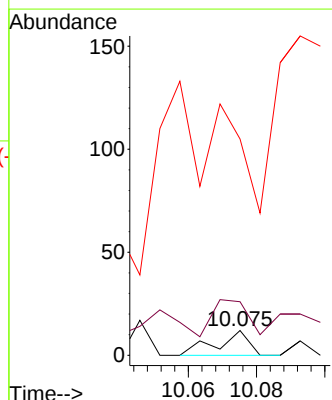
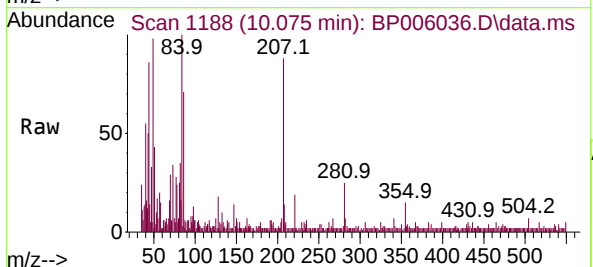
Instrument :
BNA_P
ClientSampleId :
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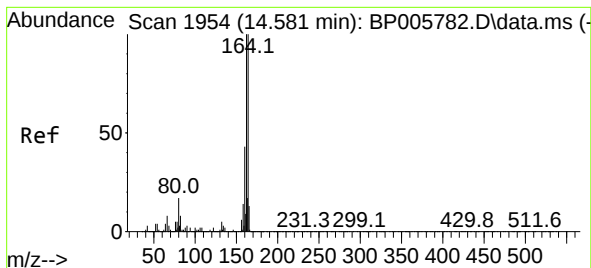
Tgt Ion: 82 Resp: 323585
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 39.4 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

Tgt Ion: 122 Resp: 8
Ion Ratio Lower Upper
122 100
105 216.7 103.2 143.2#
77 875.0 76.2 116.2#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.546 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP006036.D

Acq: 23 Jun 2021 15:53

Instrument :

BNA_P

ClientSampled :

S-1

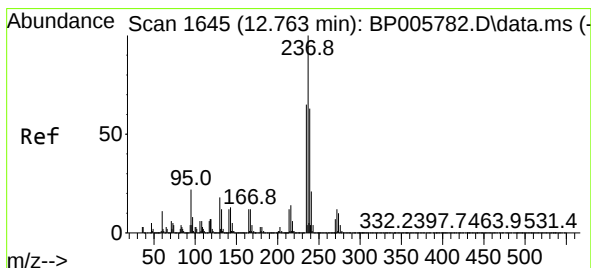
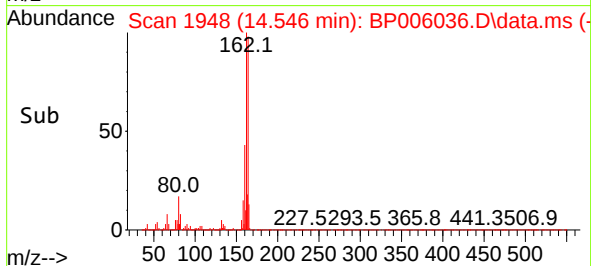
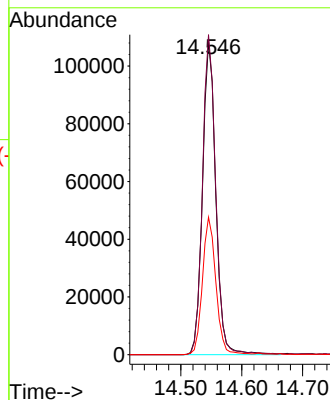
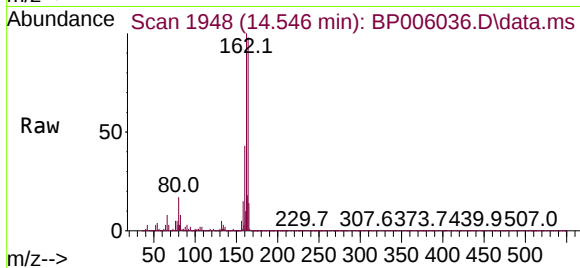
Tgt Ion:164 Resp: 164815

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

160 44.0 34.5 51.7



#41

Hexachlorocyclopentadiene

Concen: 5.51 ng

RT: 12.734 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP006036.D

Acq: 23 Jun 2021 15:53

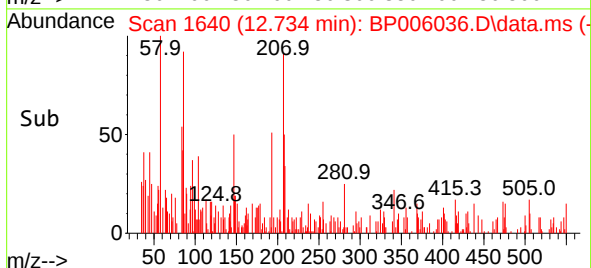
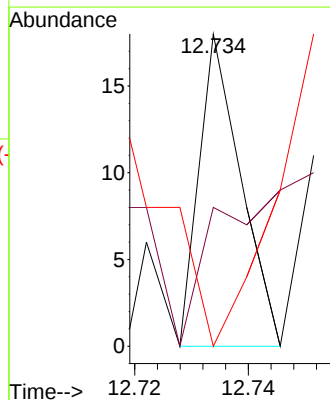
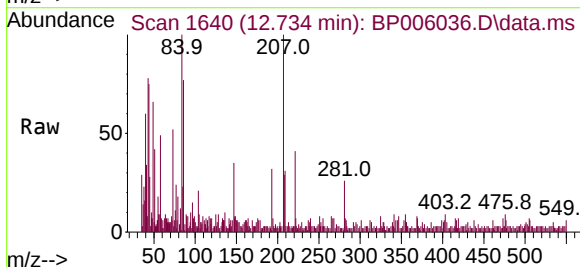
Tgt Ion:237 Resp: 9

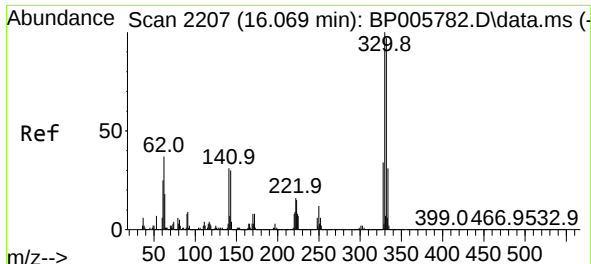
Ion Ratio Lower Upper

237 100

235 44.4 44.5 84.5#

272 0.0 0.0 32.5

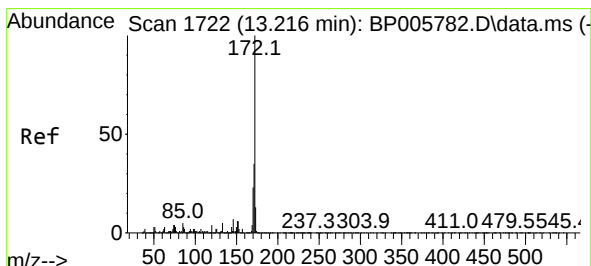
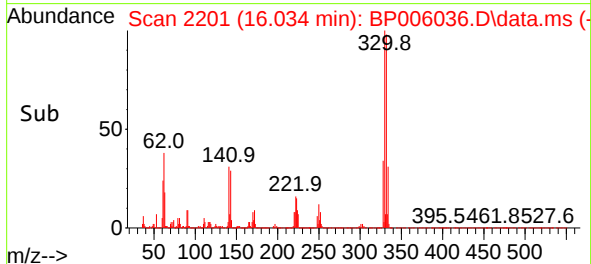
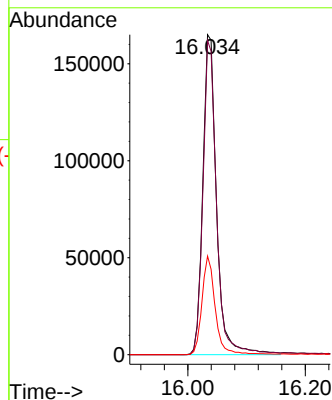
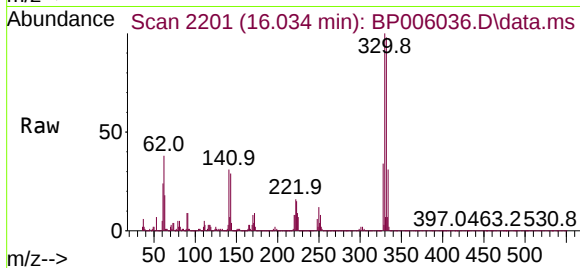




#42
2,4,6-Tribromophenol
Concen: 94.73 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

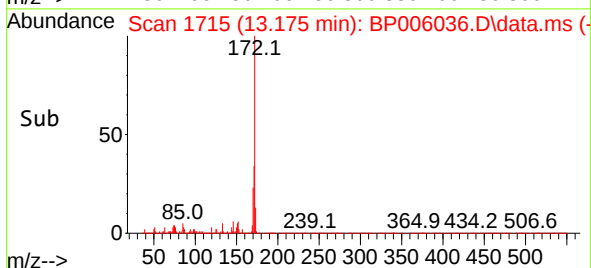
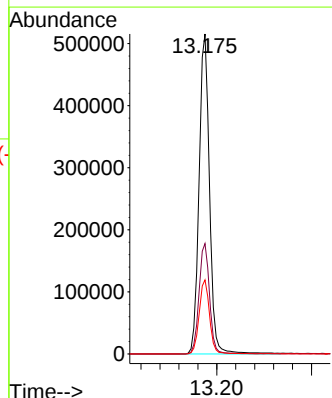
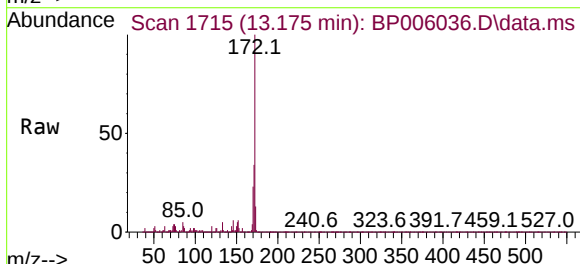
Instrument :
BNA_P
ClientSampled :
S-1

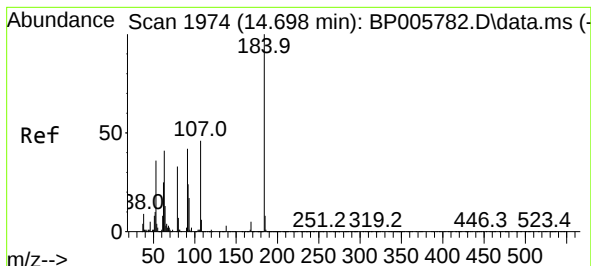
Tgt Ion:330 Resp: 267930
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 29.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.98 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

Tgt Ion:172 Resp: 790497
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.1 18.6 27.8

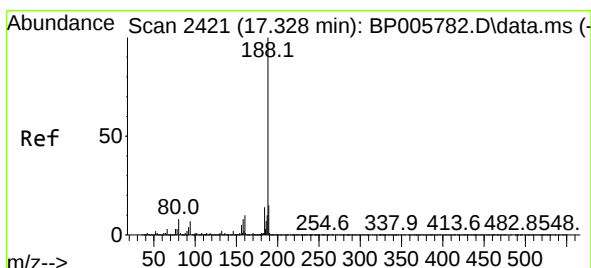
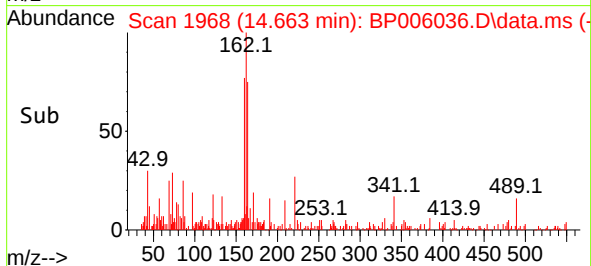
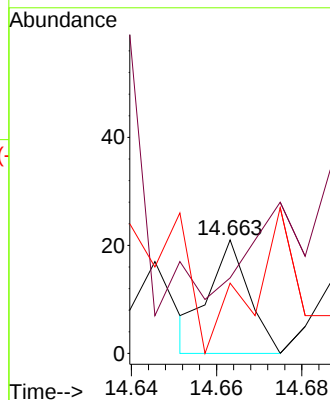
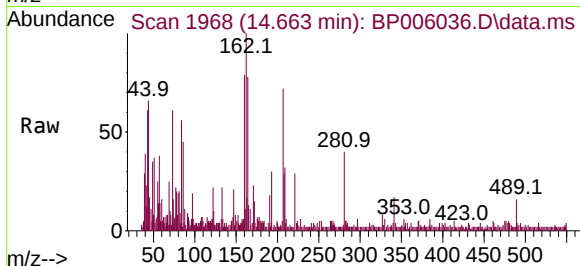




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

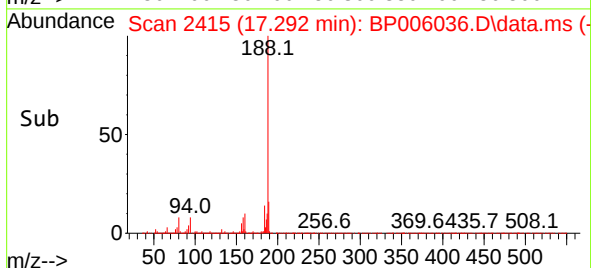
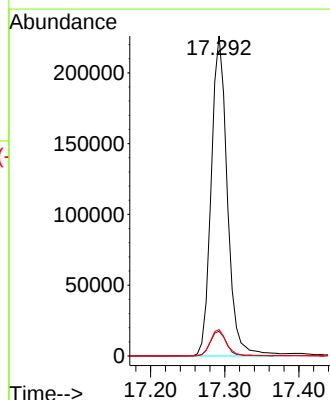
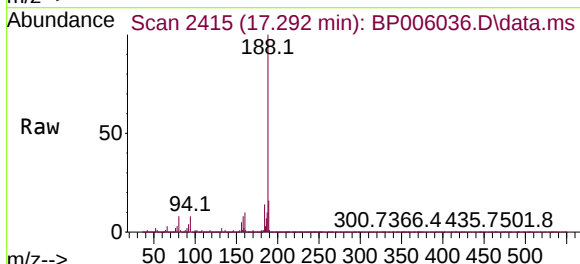
Instrument :
BNA_P
ClientSampled :
S-1

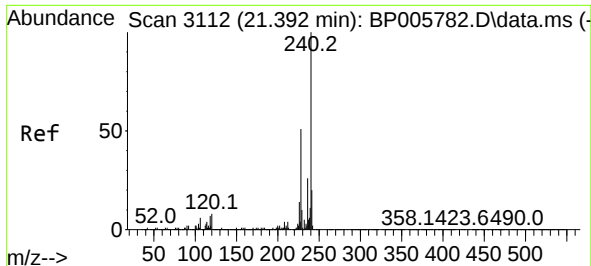
Tgt Ion:184	Resp:	13
Ion Ratio	Lower	Upper
184	100	
63	66.7	47.0 70.6
154	61.9	52.3 78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

Tgt Ion:188	Resp:	342247
Ion Ratio	Lower	Upper
188	100	
94	7.7	5.6 8.4
80	8.3	6.3 9.5

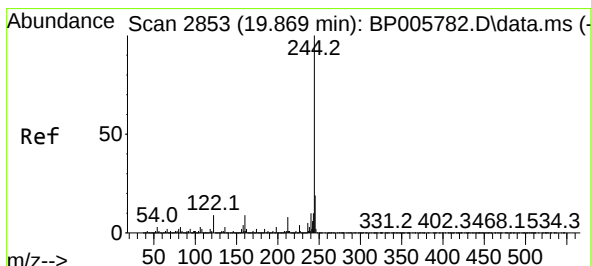
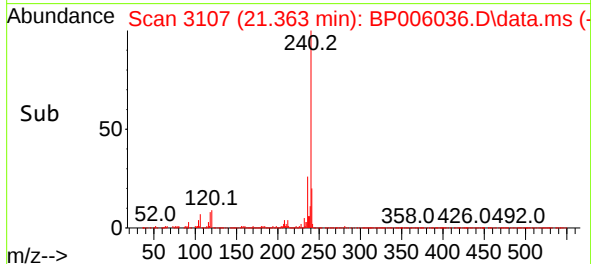
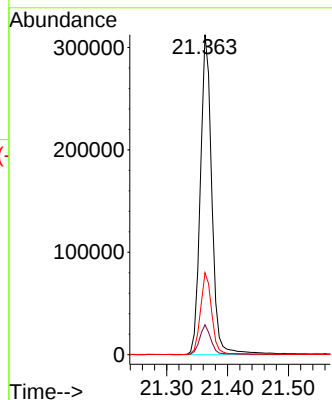
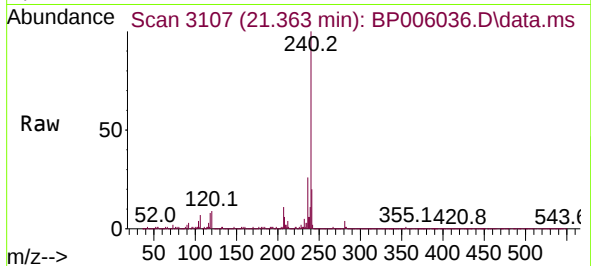




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

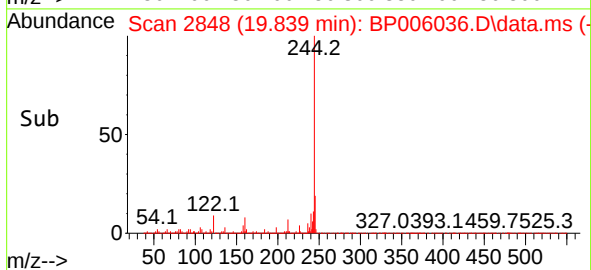
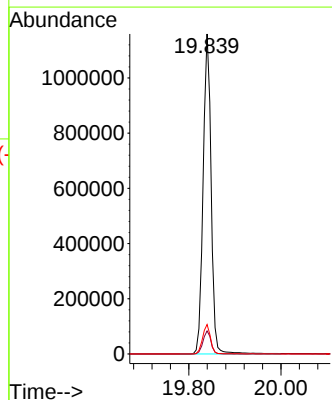
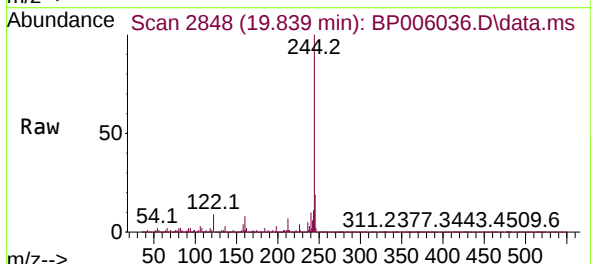
Instrument :
BNA_P
ClientSampleId :
S-1

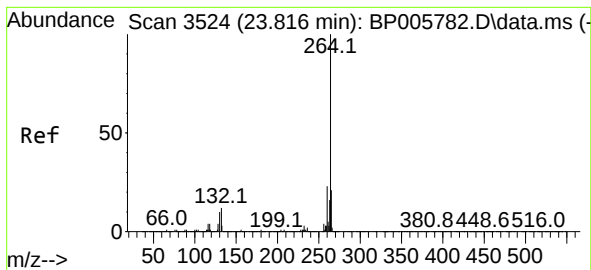
Tgt Ion:240 Resp: 409709
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 64.33 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP006036.D
Acq: 23 Jun 2021 15:53

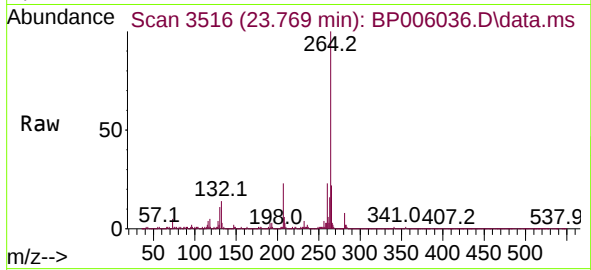
Tgt Ion:244 Resp: 1407490
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.2 7.1 10.7





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.769 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BP006036.D
 Acq: 23 Jun 2021 15:53

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion: 264 Resp: 460295

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	22.3	17.6	26.4

