

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005978.D
 Acq On : 18 Jun 2021 18:50
 Operator : CG/JU
 Sample : M2749-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PX-02 14.5-15.0

Quant Time: Jun 19 00:26:05 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)

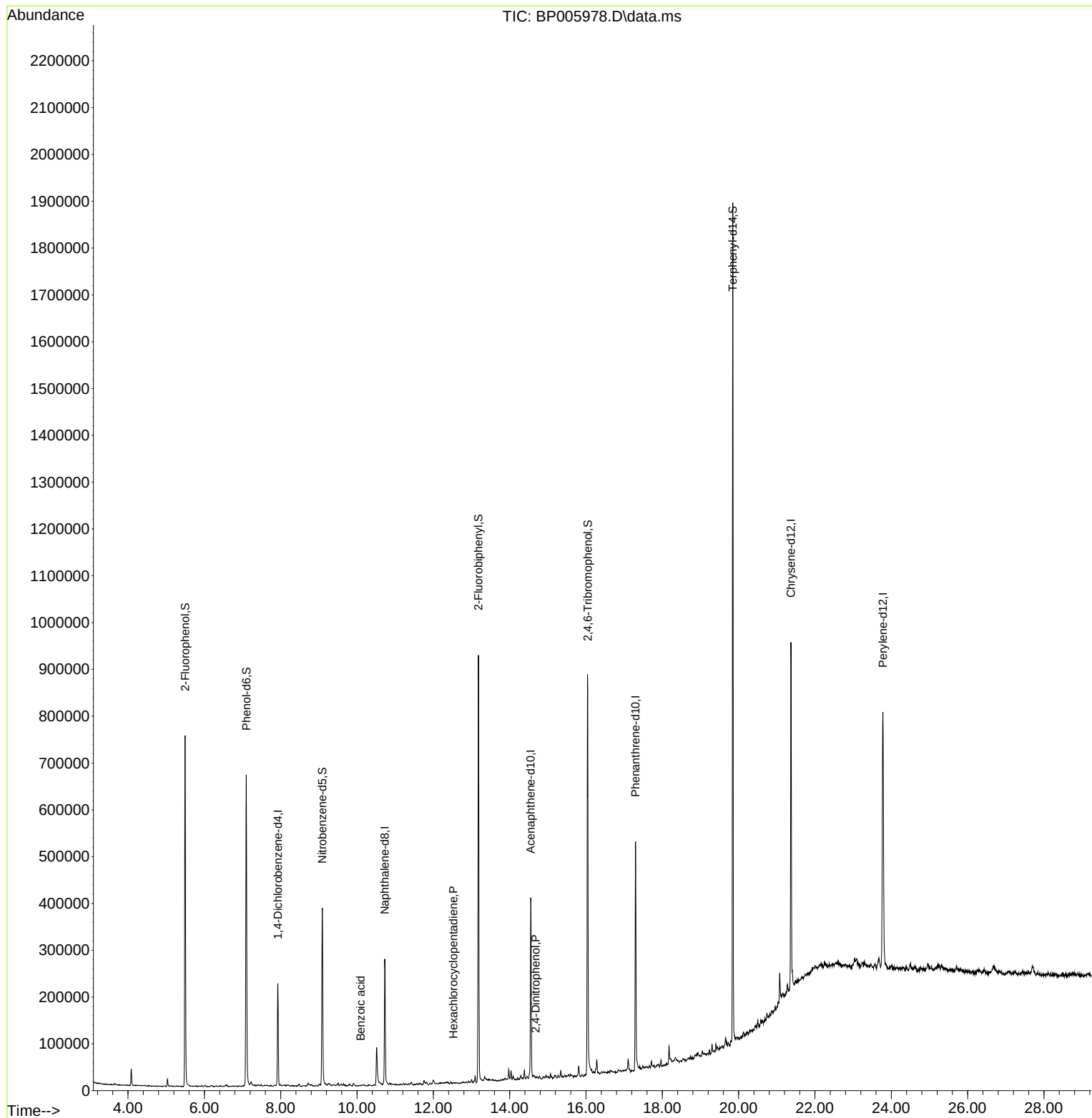
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	62644	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	228795	20.00	ng	0.00
39) Acenaphthene-d10	14.551	164	143227	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	300515	20.00	ng	0.00
76) Chrysene-d12	21.369	240	380225	20.00	ng	-0.01
86) Perylene-d12	23.780	264	455142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	352022	90.17	ng	0.00
7) Phenol-d6	7.099	99	399220	78.90	ng	0.00
23) Nitrobenzene-d5	9.093	82	241366	51.72	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	198043	80.57	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	477651	43.79	ng	0.00
79) Terphenyl-d14	19.845	244	816557	40.21	ng	-0.01
Target Compounds						
32) Benzoic acid	10.093	122	99	6.35	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.528	237	13	5.51	ng	93
54) 2,4-Dinitrophenol	14.681	184	35	4.87	ng	# 1

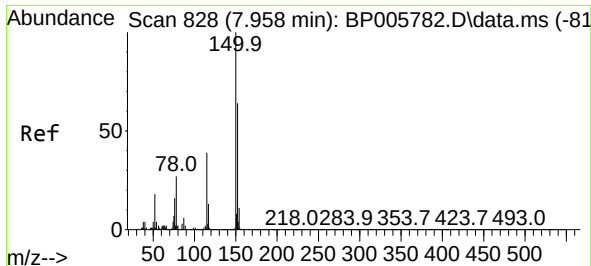
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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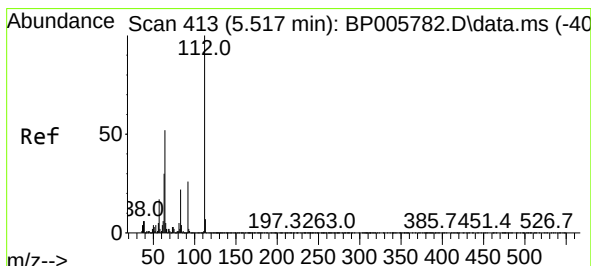
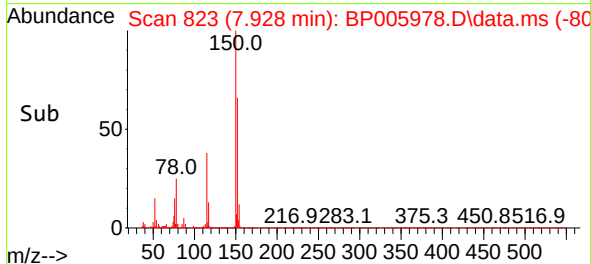
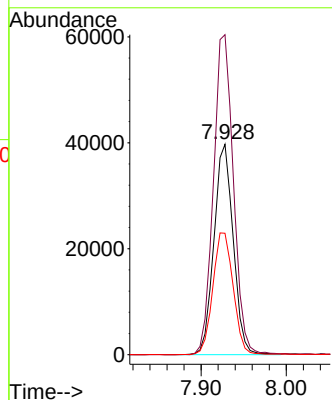
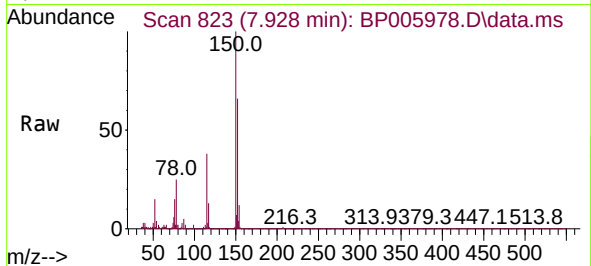




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

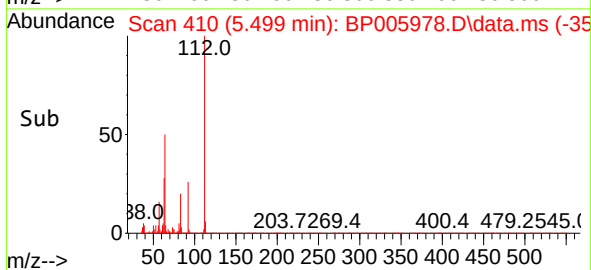
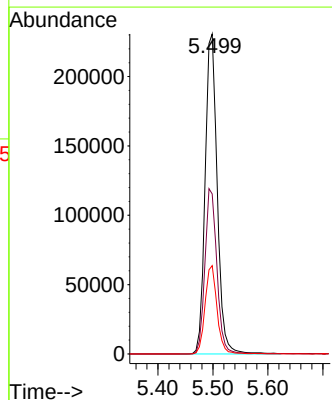
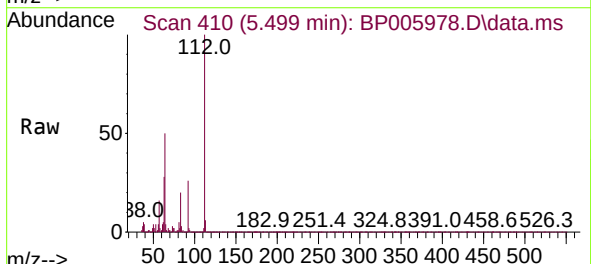
Instrument :
BNA_P
ClientSampleId :
PX-02_14.5-15.0

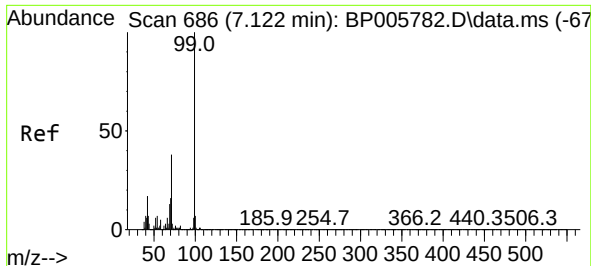
Tgt Ion:152 Resp: 62644
Ion Ratio Lower Upper
152 100
150 152.1 125.6 188.4
115 57.7 48.5 72.7



#5
2-Fluorophenol
Concen: 90.17 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.000 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

Tgt Ion:112 Resp: 352022
Ion Ratio Lower Upper
112 100
64 50.0 41.4 62.2
63 27.6 23.8 35.8

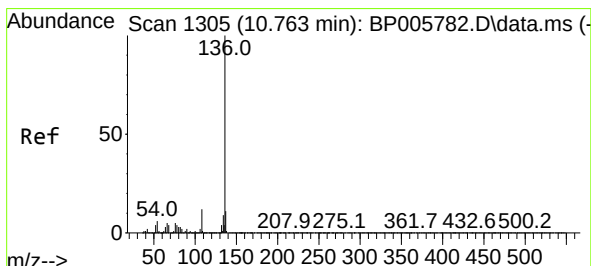
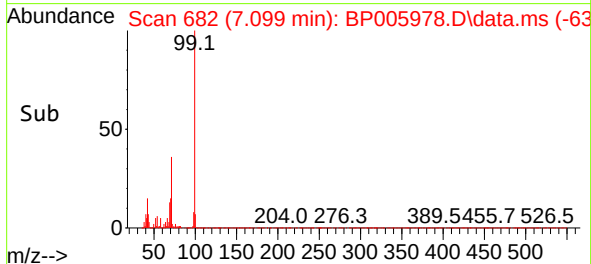
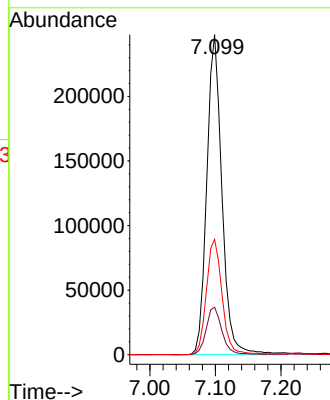
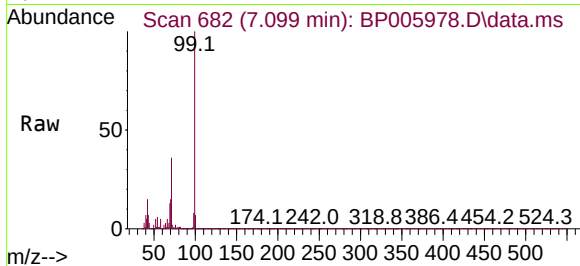




#7
Phenol-d6
Concen: 78.90 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

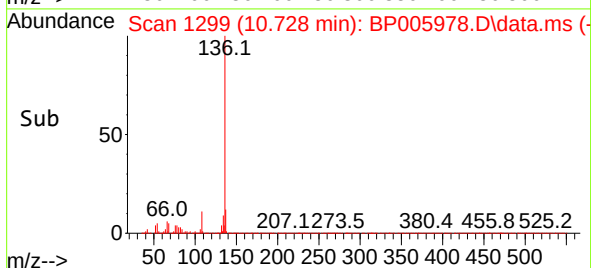
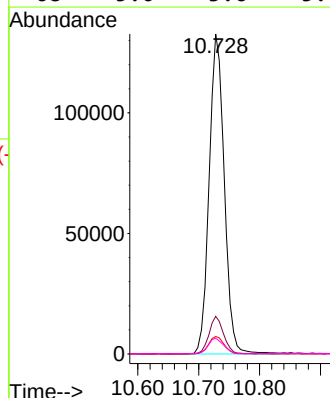
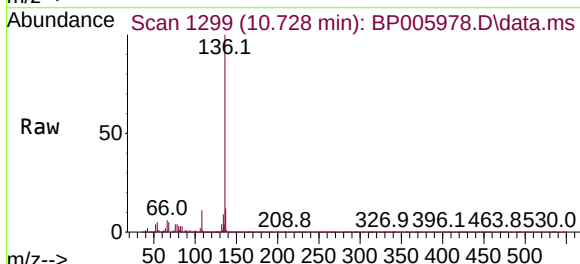
Instrument :
BNA_P
ClientSampleId :
PX-02_14.5-15.0

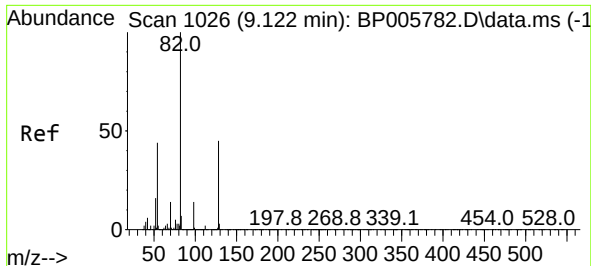
Tgt Ion:	99	Resp:	399220
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	36.1	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

Tgt Ion:	136	Resp:	228795
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	5.5	4.6	6.8
68	5.0	3.6	5.4

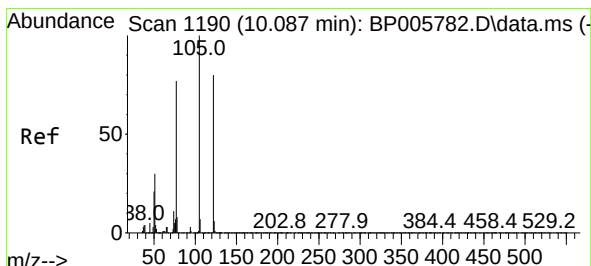
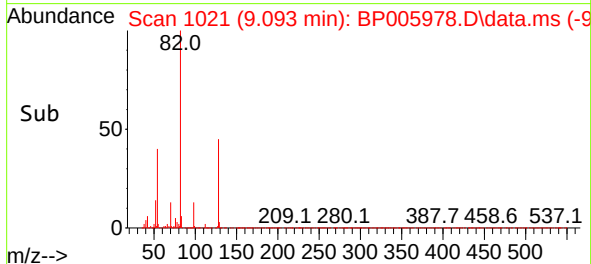
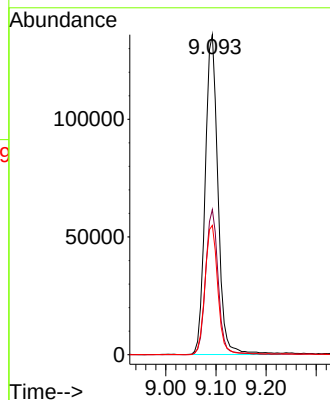
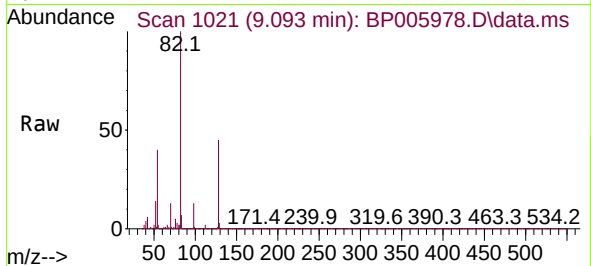




#23
Nitrobenzene-d5
Concen: 51.72 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

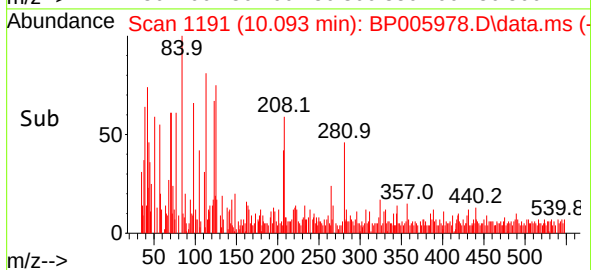
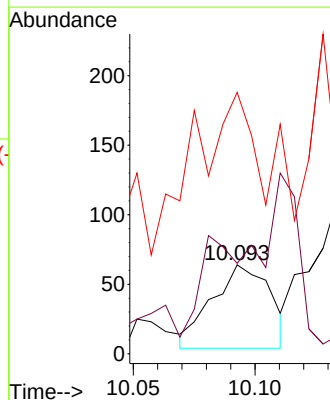
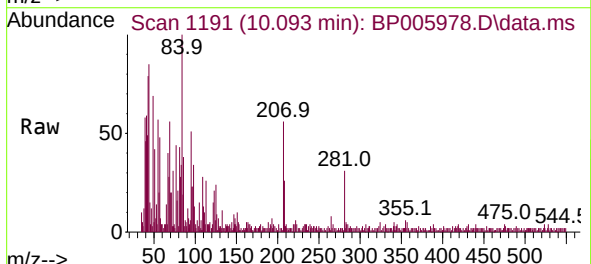
Instrument :
BNA_P
ClientSampleId :
PX-02_14.5-15.0

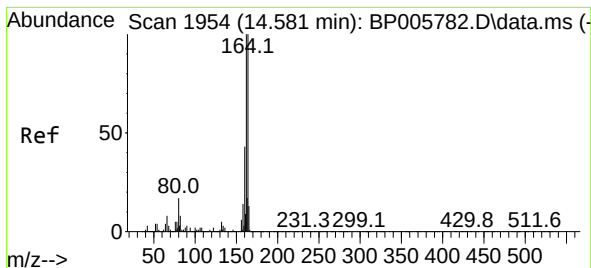
Tgt Ion: 82 Resp: 241366
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 40.4 35.0 52.4



#32
Benzoic acid
Concen: 6.35 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

Tgt Ion: 122 Resp: 99
Ion Ratio Lower Upper
122 100
105 101.6 103.2 143.2#
77 293.8 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: BP005978.D

Acq: 18 Jun 2021 18:50

Instrument :

BNA_P

ClientSampleId :

PX-02 14.5-15.0

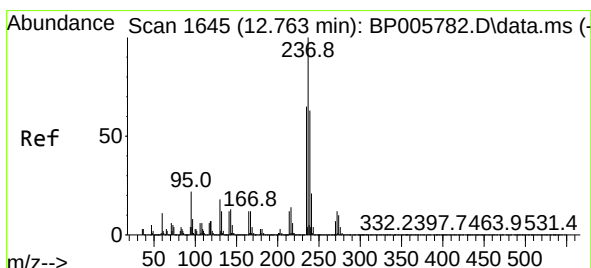
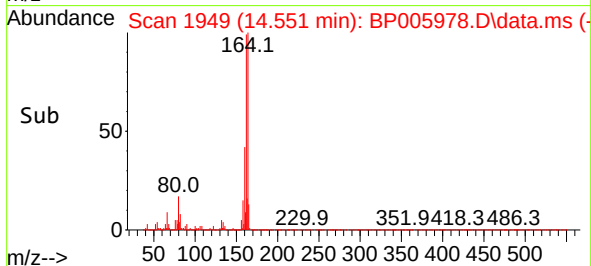
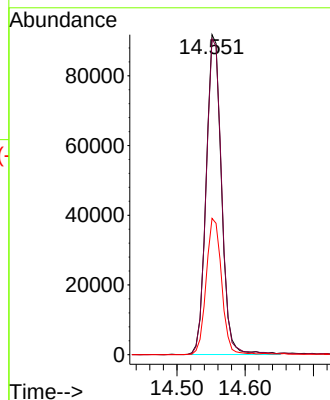
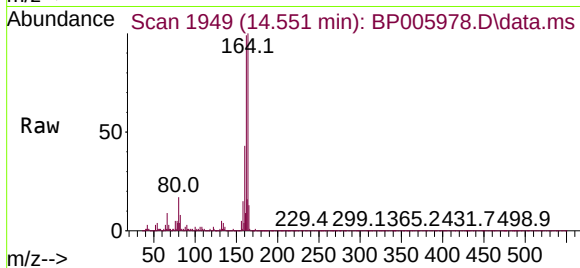
Tgt Ion:164 Resp: 143227

Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

160 42.6 34.5 51.7



#41

Hexachlorocyclopentadiene

Concen: 5.51 ng

RT: 12.528 min Scan# 1605

Delta R.T. -0.206 min

Lab File: BP005978.D

Acq: 18 Jun 2021 18:50

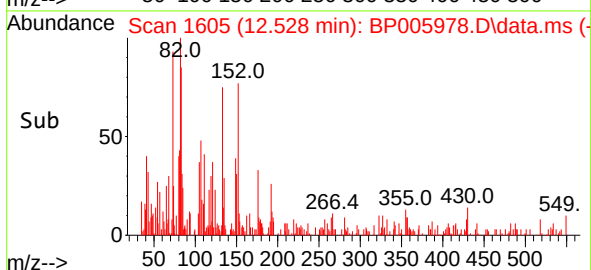
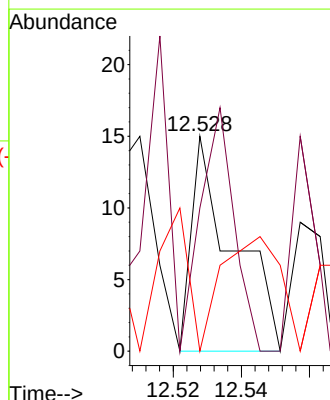
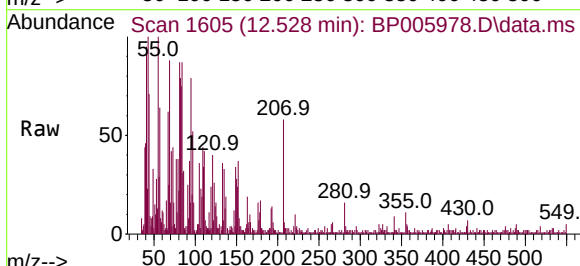
Tgt Ion:237 Resp: 13

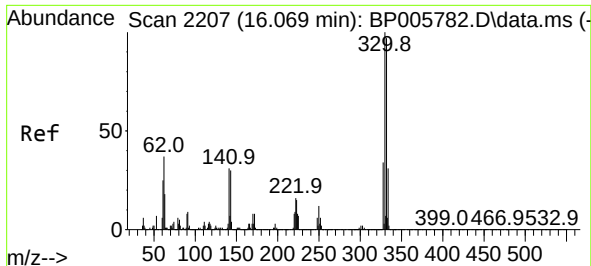
Ion Ratio Lower Upper

237 100

235 66.7 44.5 84.5

272 0.0 0.0 32.5

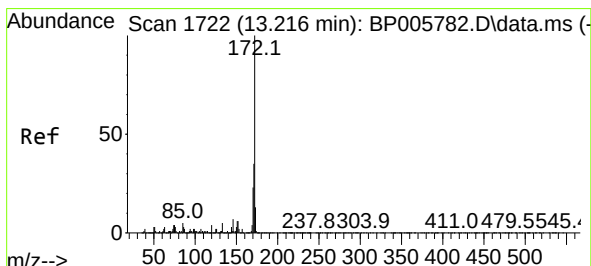
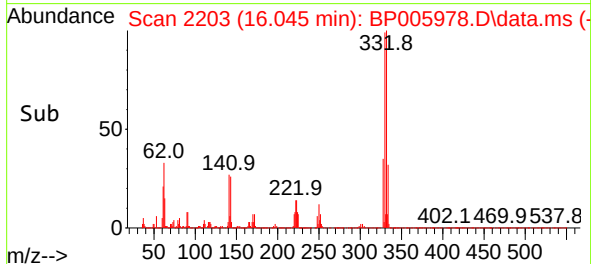
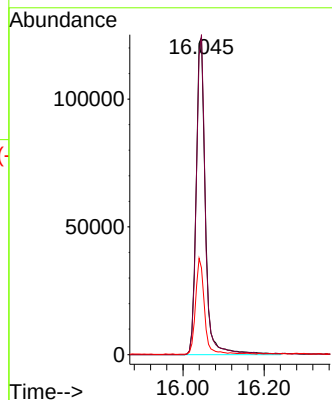
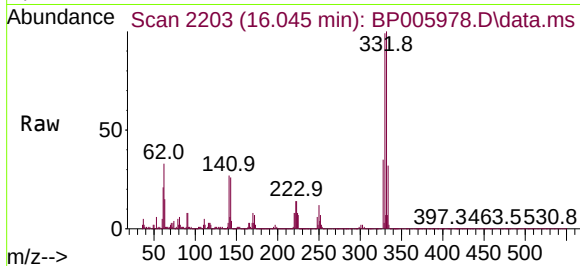




#42
2,4,6-Tribromophenol
Concen: 80.57 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

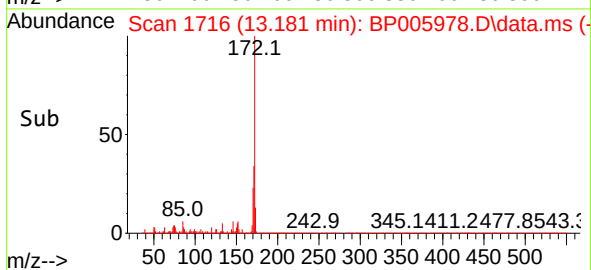
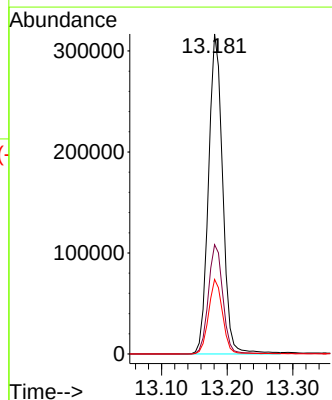
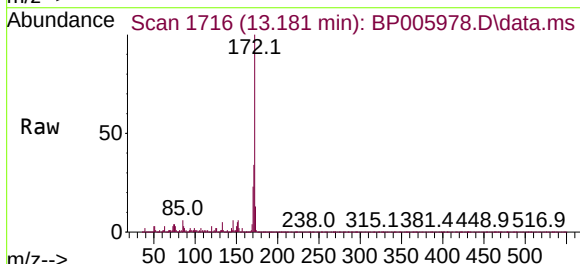
Instrument :
BNA_P
ClientSampleId :
PX-02_14.5-15.0

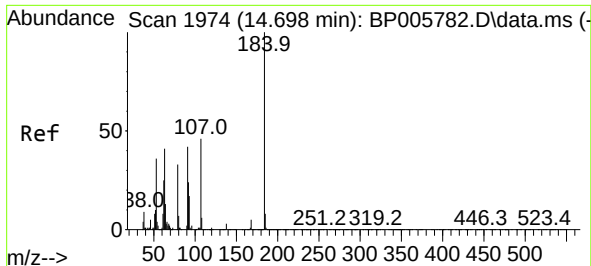
Tgt Ion:330 Resp: 198043
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 28.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 43.79 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

Tgt Ion:172 Resp: 477651
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.3 18.6 27.8

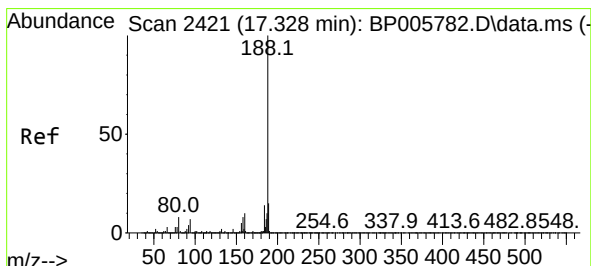
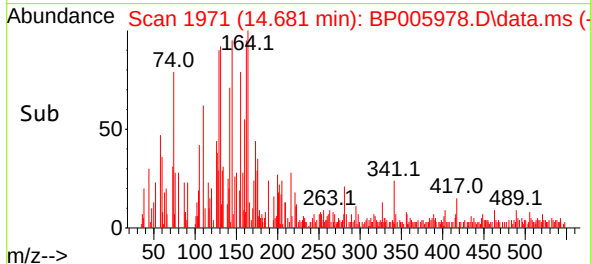
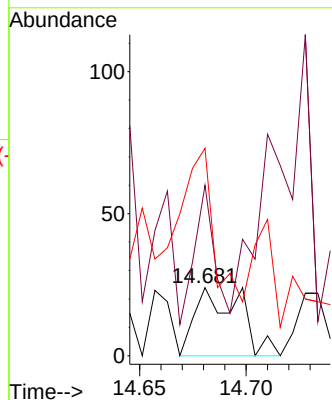
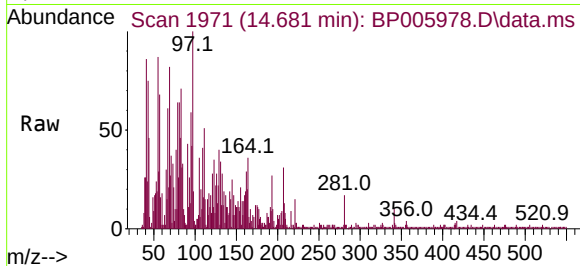




#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

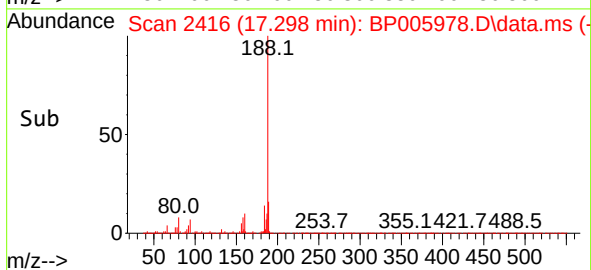
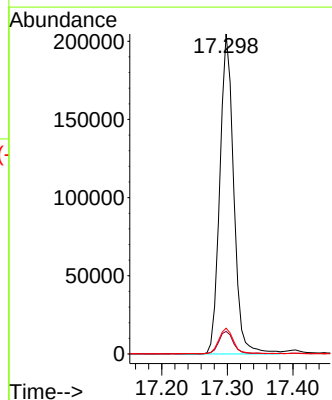
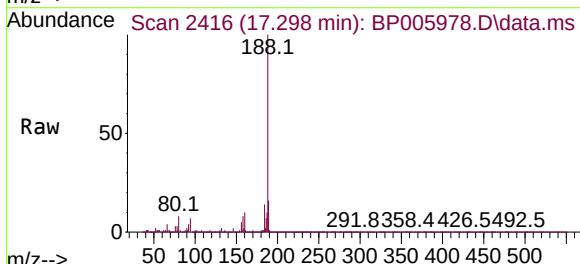
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BNA_P
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PX-02_14.5-15.0

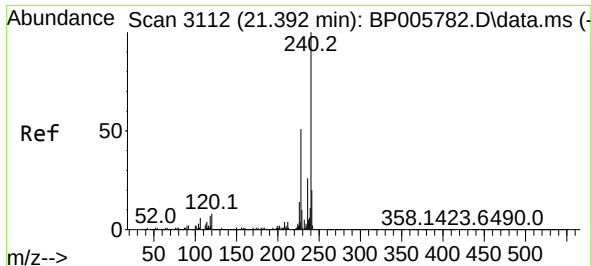
Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 250.0 47.0 70.6#
154 304.2 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

Tgt Ion:188 Resp: 300515
Ion Ratio Lower Upper
188 100
94 7.1 5.6 8.4
80 8.0 6.3 9.5

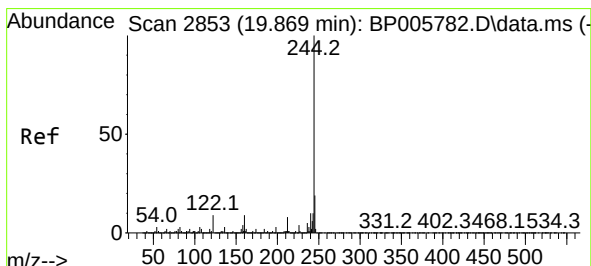
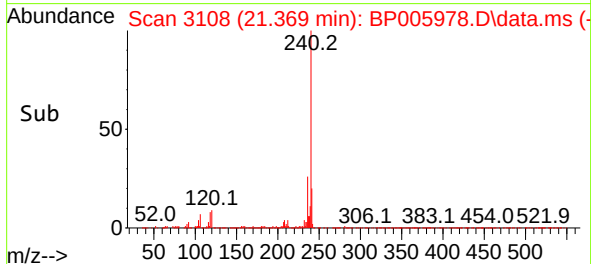
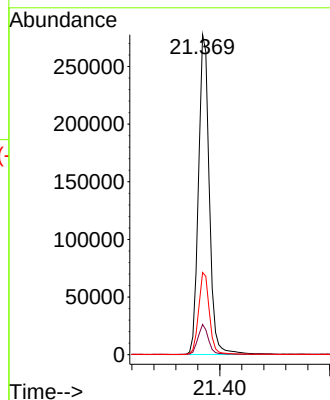
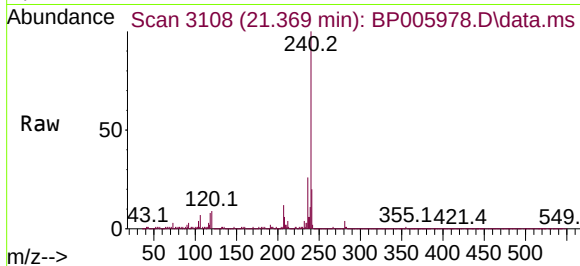




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

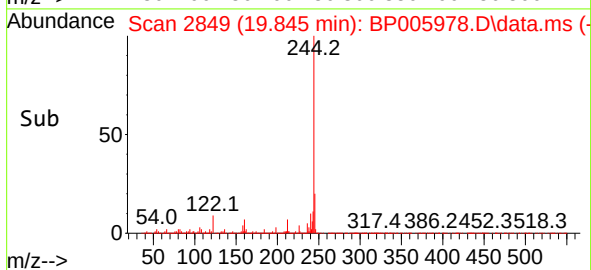
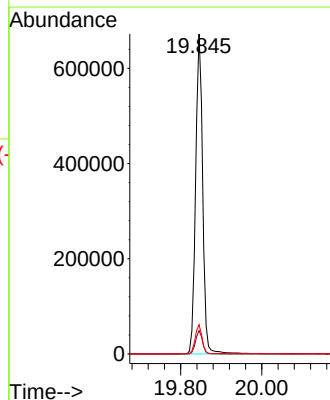
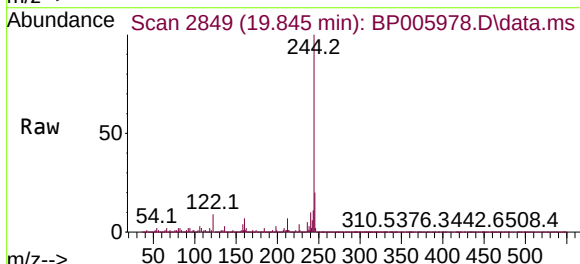
Instrument :
BNA_P
ClientSampleId :
PX-02_14.5-15.0

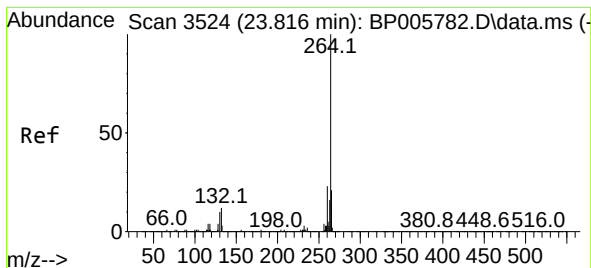
Tgt Ion:240 Resp: 380225
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 40.21 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BP005978.D
Acq: 18 Jun 2021 18:50

Tgt Ion:244 Resp: 816557
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.2 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: BP005978.D
Acq: 18 Jun 2021 18:50

Instrument :
BNA_P
ClientSampleId :
PX-02_14.5-15.0

Tgt Ion:264 Resp: 455142

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	22.5	17.6	26.4

