

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009079.D
 Acq On : 09 Feb 2022 15:50
 Operator : CG/JU
 Sample : N1432-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

Quant Time: Feb 10 01:43:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

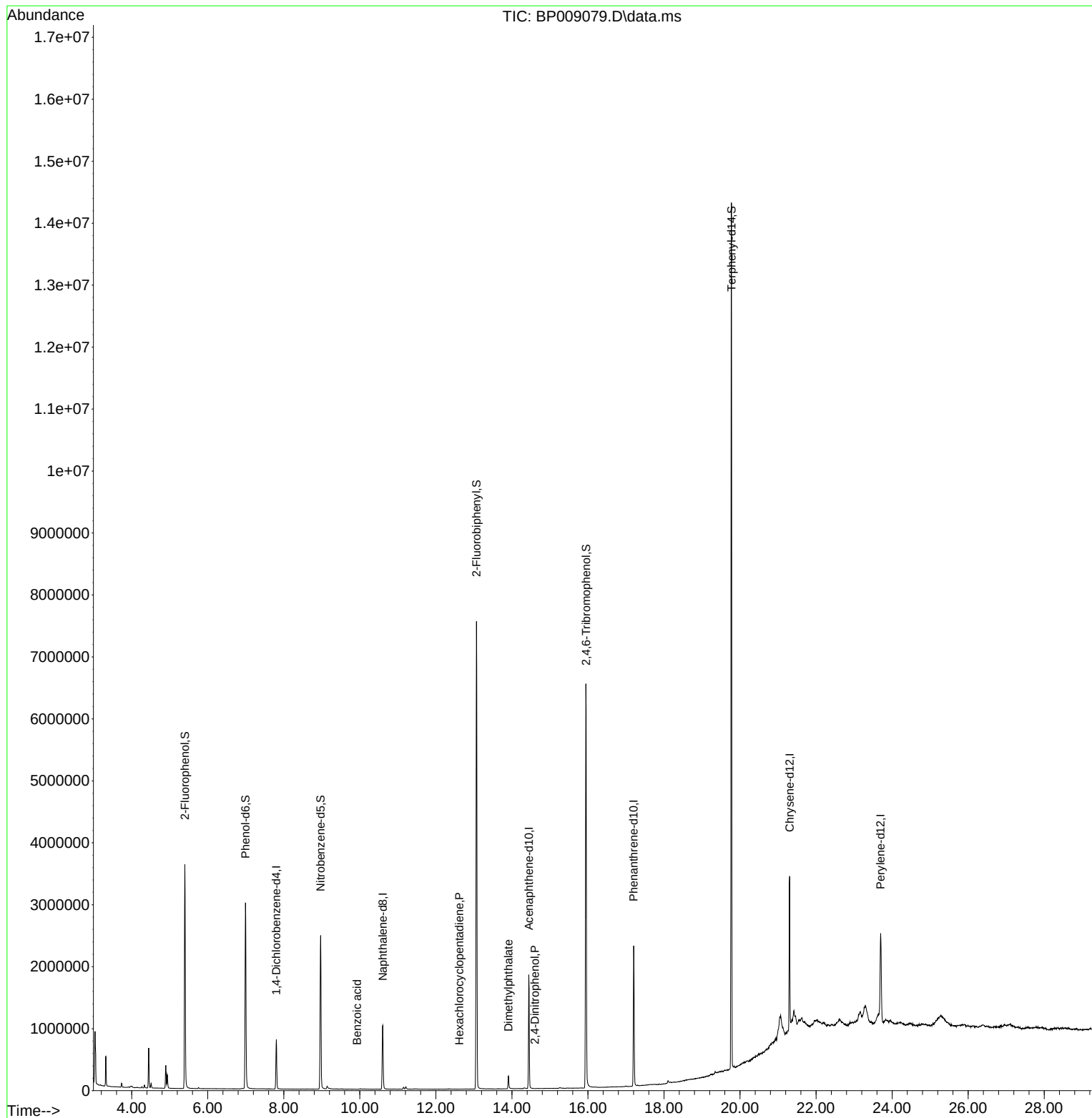
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	244914	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	969702	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	676091	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1466384	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1320135	20.000	ng	0.00
86) Perylene-d12	23.698	264	1184110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1757451	128.002	ng	0.00
7) Phenol-d6	6.993	99	1951475	107.868	ng	0.00
23) Nitrobenzene-d5	8.969	82	1549819	90.131	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1651349	182.934	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4363365	90.346	ng	0.00
79) Terphenyl-d14	19.774	244	7185636	97.885	ng	0.00
Target Compounds						
32) Benzoic acid	9.928	122	62	2.696	ng	# 1
41) Hexachlorocyclopentadiene	12.616	237	23	8.658	ng	77
50) Dimethylphthalate	13.910	163	174568	3.622	ng	98
54) 2,4-Dinitrophenol	14.604	184	20	2.171	ng	# 1

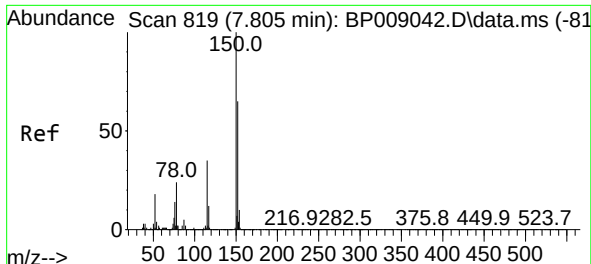
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

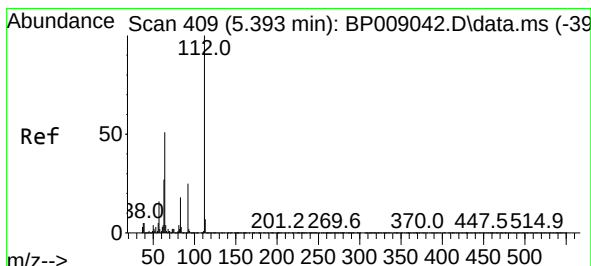
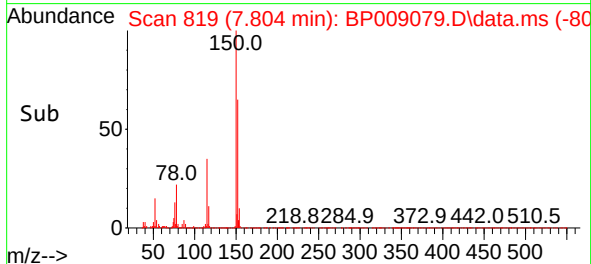
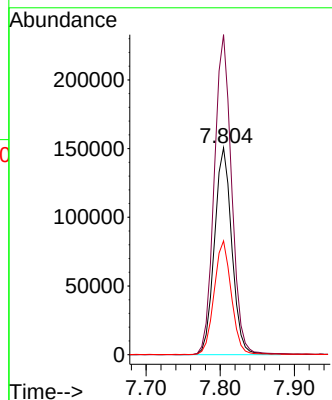
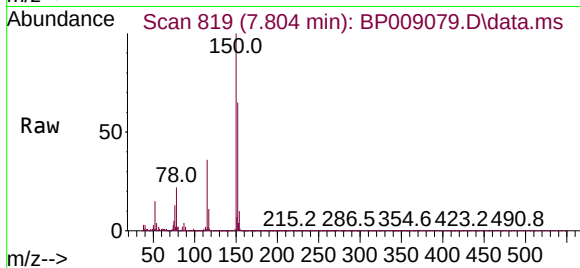




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.001 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

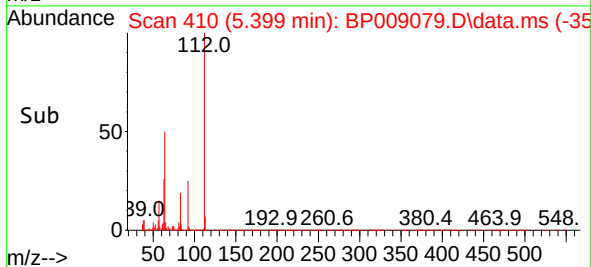
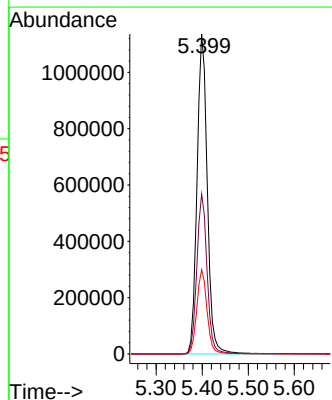
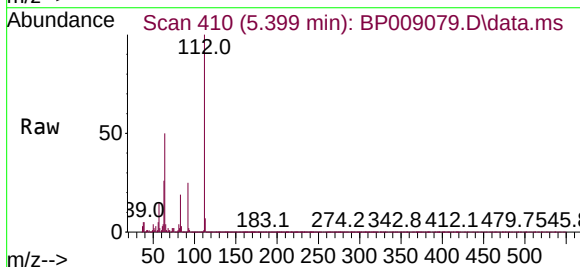
Instrument :
BNA_P
ClientSampleId :
SP-1

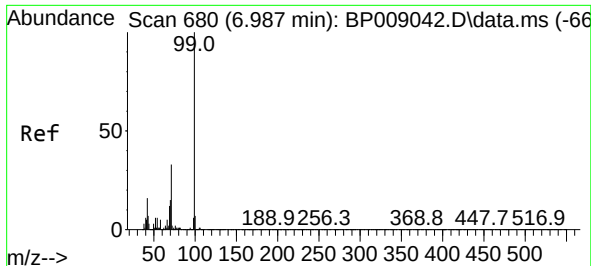
Tgt Ion:152 Resp: 244914
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 55.0 43.7 65.5



#5
2-Fluorophenol
Concen: 128.002 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

Tgt Ion:112 Resp: 1757451
Ion Ratio Lower Upper
112 100
64 50.0 39.7 59.5
63 26.4 20.0 30.0

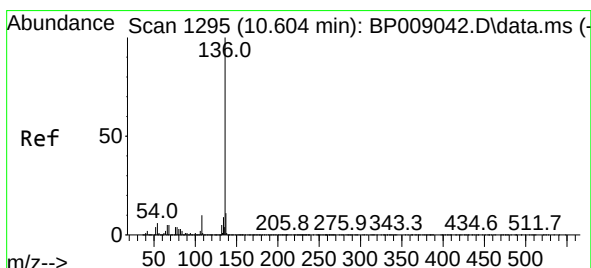
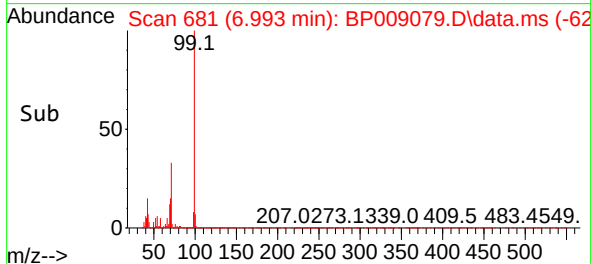
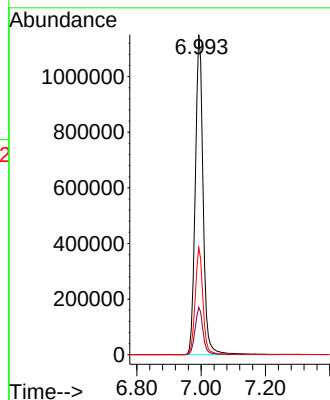
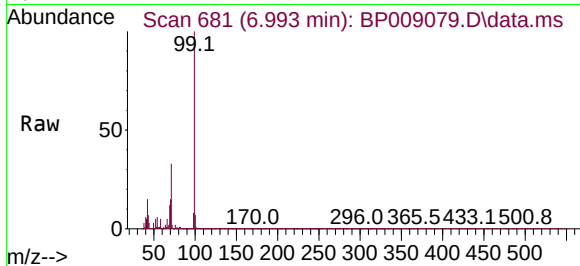




#7
Phenol-d6
Concen: 107.868 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

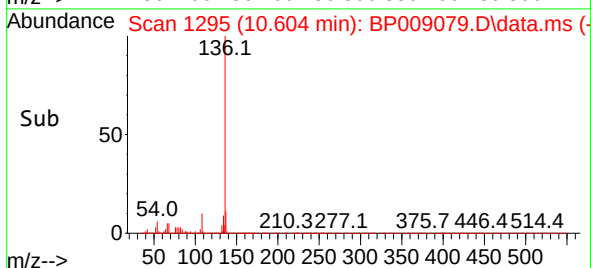
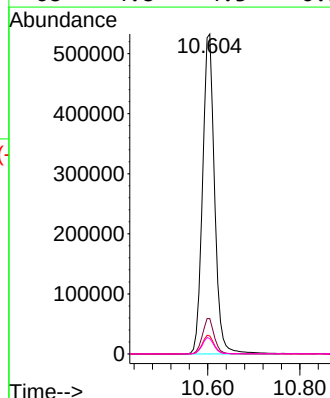
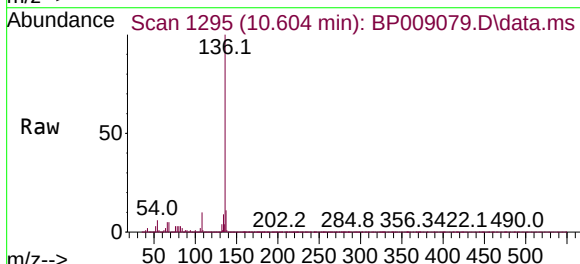
Instrument :
BNA_P
ClientSampleId :
SP-1

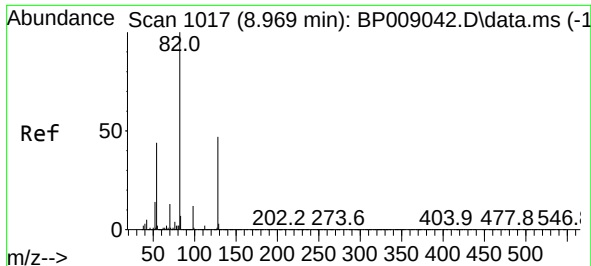
Tgt Ion: 99 Resp: 1951475
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 33.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

Tgt Ion: 136 Resp: 969702
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 5.7 4.9 7.3
68 4.8 4.3 6.5

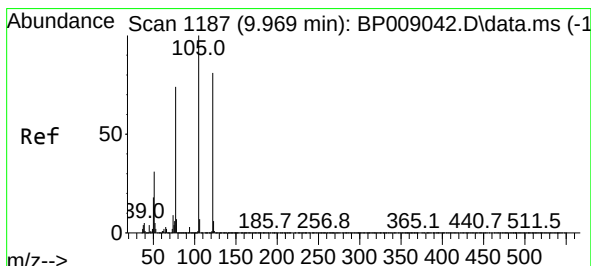
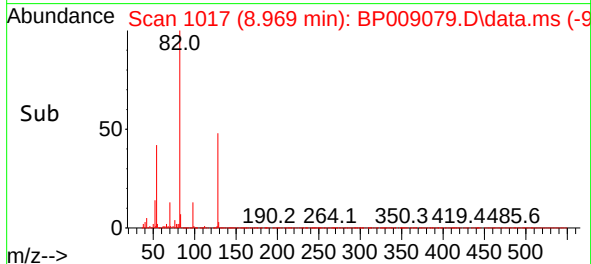
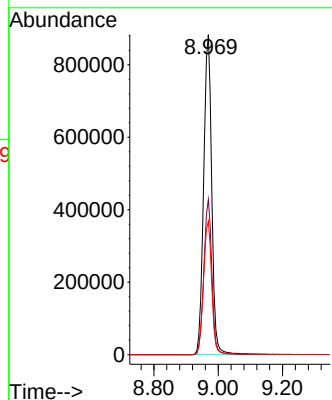
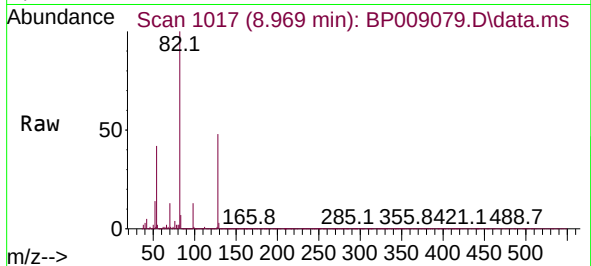




#23
Nitrobenzene-d5
Concen: 90.131 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

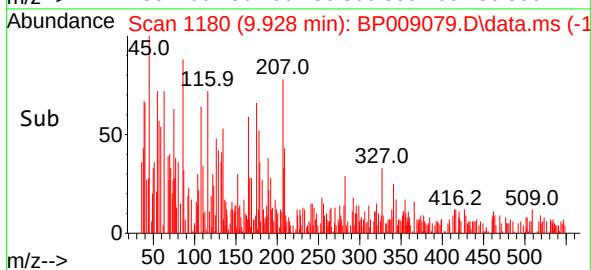
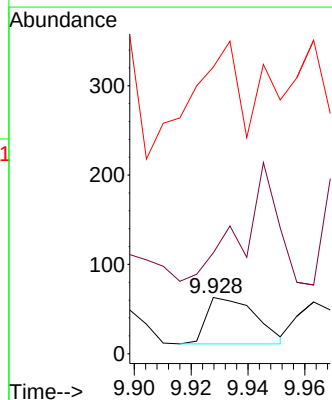
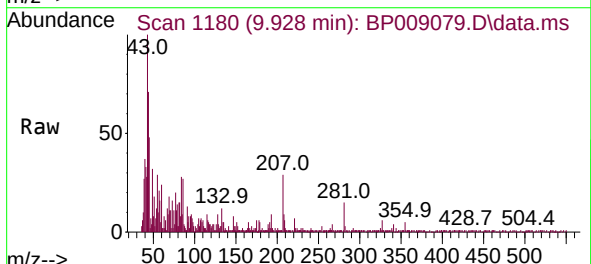
Instrument :
BNA_P
ClientSampleId :
SP-1

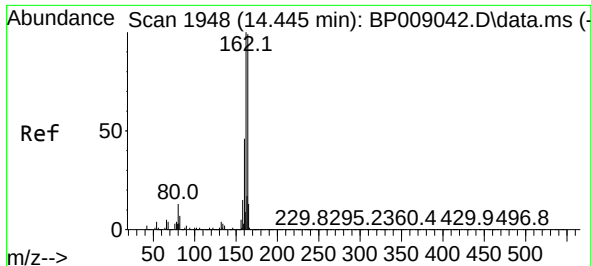
Tgt Ion: 82 Resp: 1549819
Ion Ratio Lower Upper
82 100
128 48.5 39.4 59.2
54 41.7 32.6 48.8



#32
Benzoic acid
Concen: 2.696 ng
RT: 9.928 min Scan# 1180
Delta R.T. -0.041 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 179.4 100.1 140.1#
77 509.5 65.5 105.5#

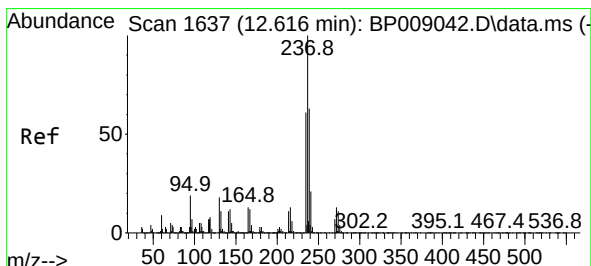
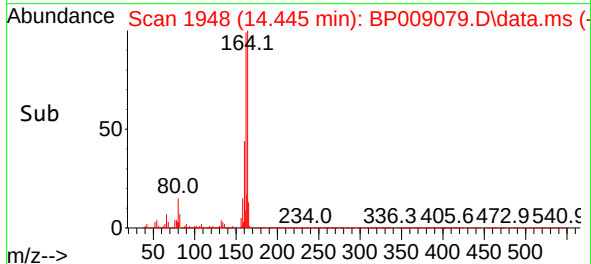
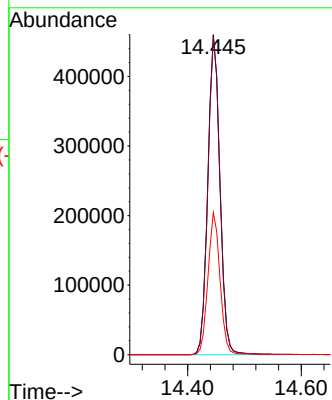
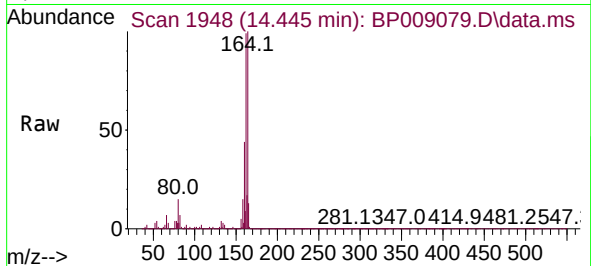




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

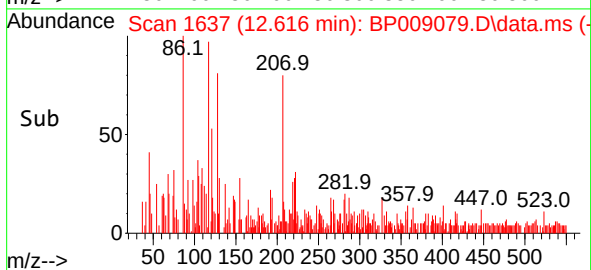
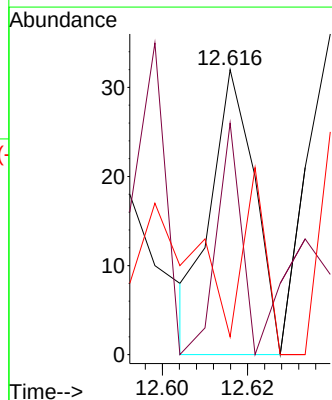
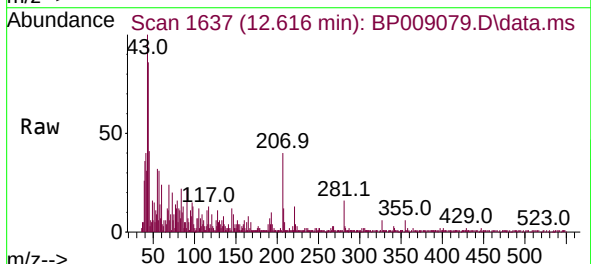
Instrument :
BNA_P
ClientSampleId :
SP-1

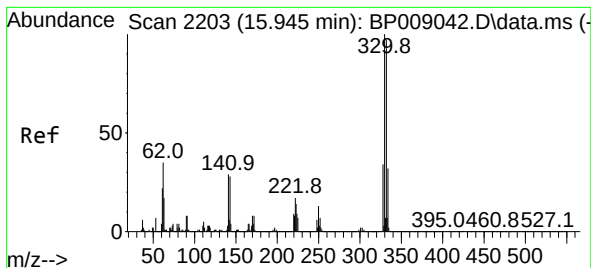
Tgt Ion:164 Resp: 676091
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.4 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

Tgt Ion:237 Resp: 23
Ion Ratio Lower Upper
237 100
235 81.3 42.9 82.9
272 6.3 0.0 33.8





#42

2,4,6-Tribromophenol

Concen: 182.934 ng

RT: 15.951 min Scan# 2

Delta R.T. 0.006 min

Lab File: BP009079.D

Acq: 09 Feb 2022 15:50

Instrument :

BNA_P

ClientSampleId :

SP-1

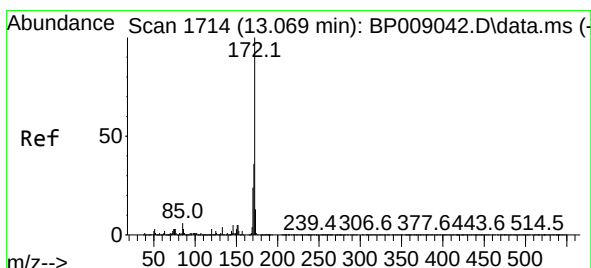
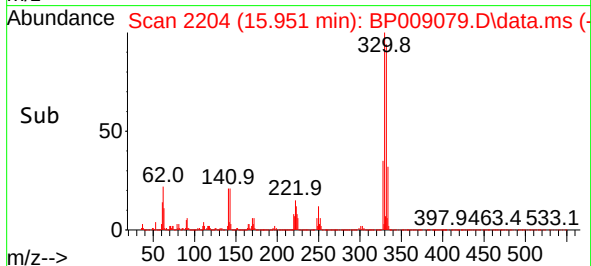
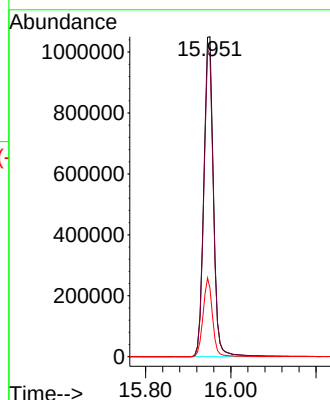
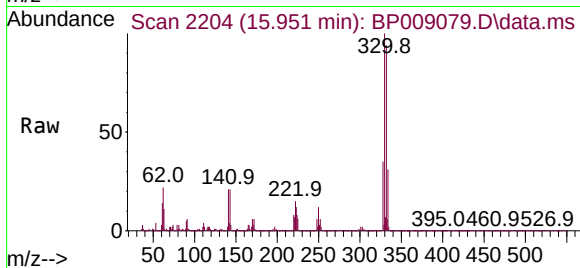
Tgt Ion:330 Resp: 1651349

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

141 24.0 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 90.346 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP009079.D

Acq: 09 Feb 2022 15:50

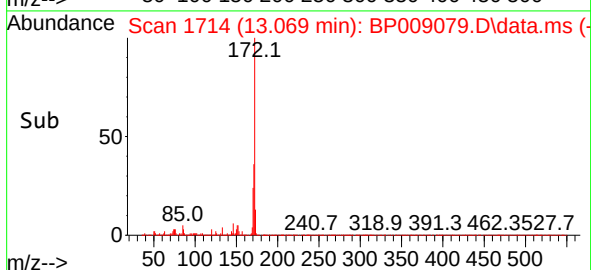
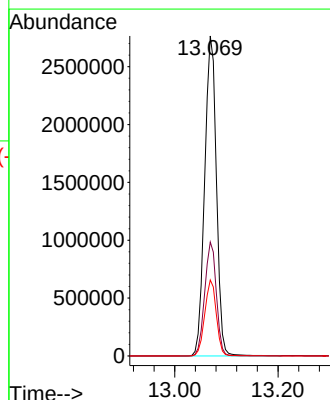
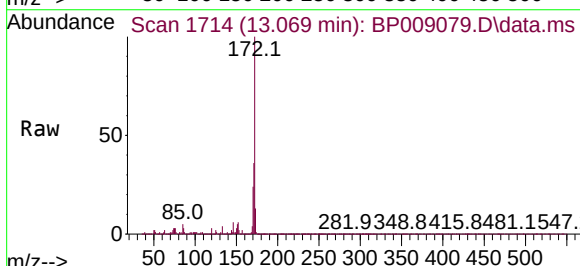
Tgt Ion:172 Resp: 4363365

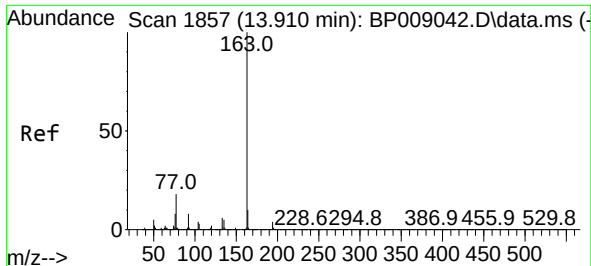
Ion Ratio Lower Upper

172 100

171 35.6 29.3 43.9

170 23.7 19.5 29.3

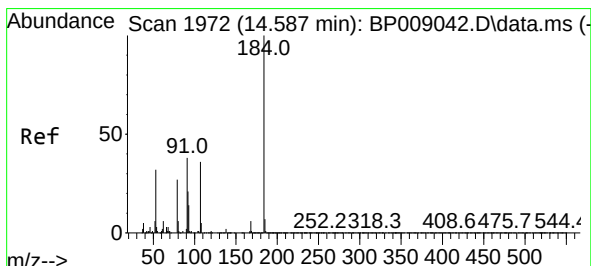
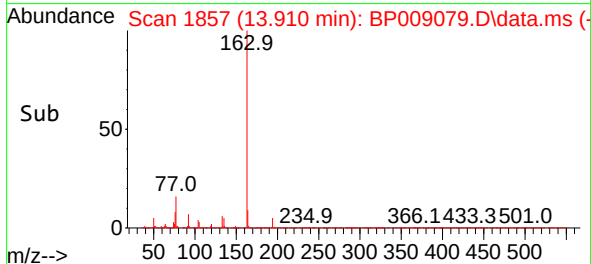
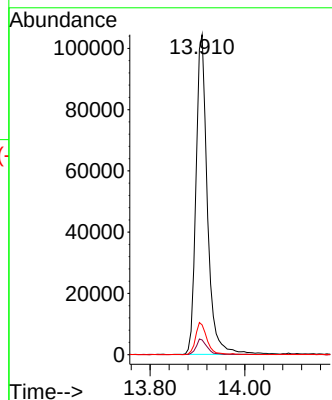
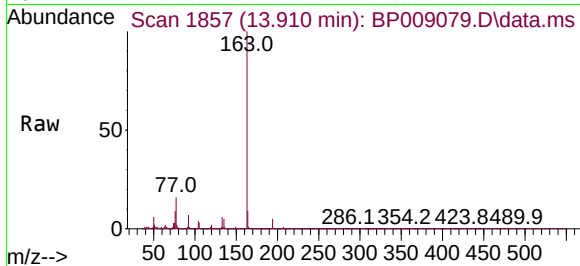




#50
Dimethylphthalate
Concen: 3.622 ng
RT: 13.910 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

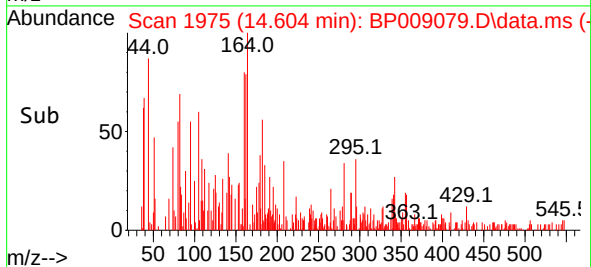
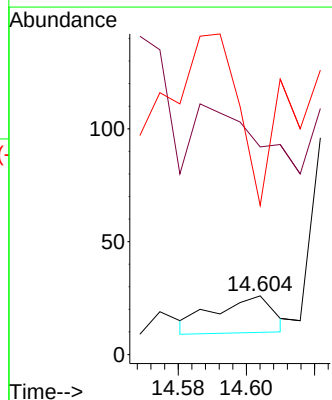
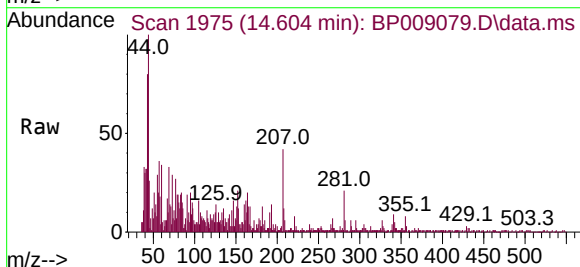
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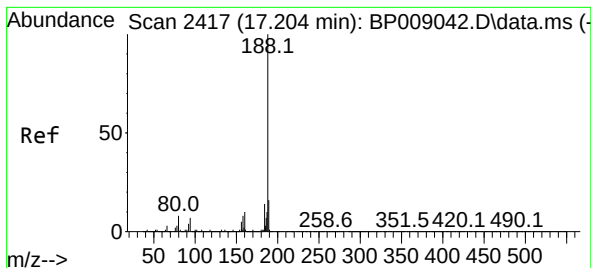
Tgt Ion:163 Resp: 174568
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.171 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.017 min
Lab File: BP009079.D
Acq: 09 Feb 2022 15:50

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 353.8 35.6 53.4#
154 253.8 43.4 65.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP009079.D

Acq: 09 Feb 2022 15:50

Instrument :

BNA_P

ClientSampleId :

SP-1

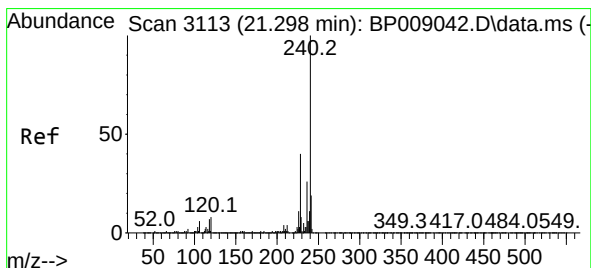
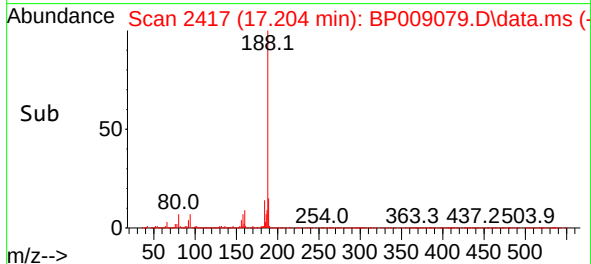
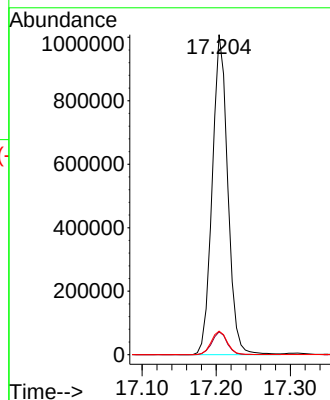
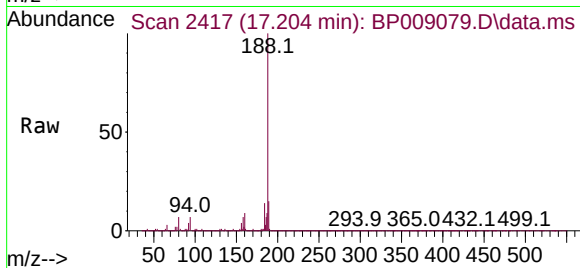
Tgt Ion:188 Resp: 1466384

Ion Ratio Lower Upper

188 100

94 7.1 6.8 10.2

80 7.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009079.D

Acq: 09 Feb 2022 15:50

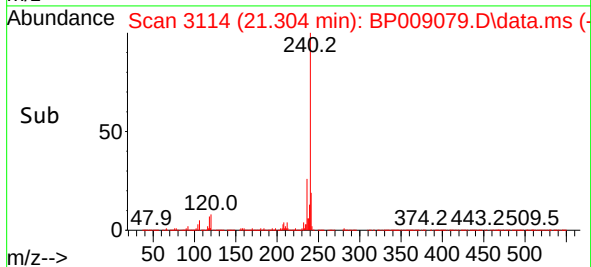
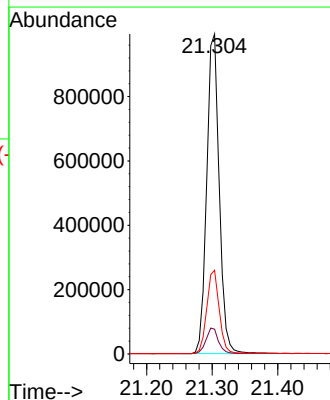
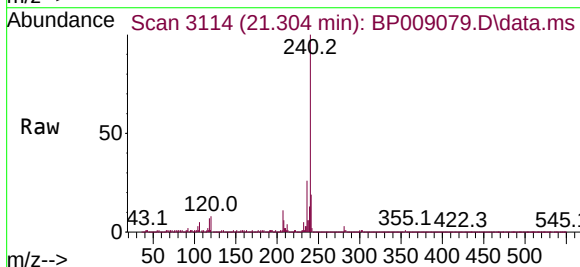
Tgt Ion:240 Resp: 1320135

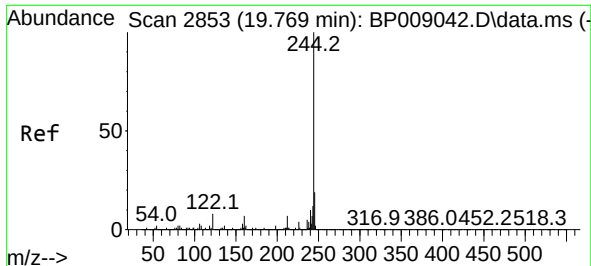
Ion Ratio Lower Upper

240 100

120 7.8 7.7 11.5

236 26.1 21.2 31.8

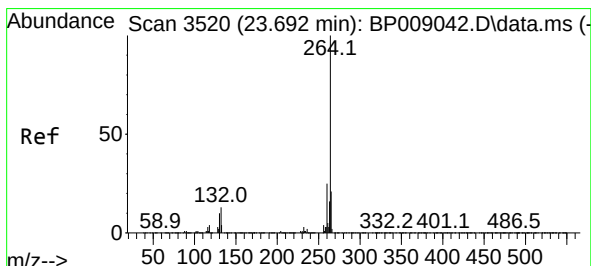
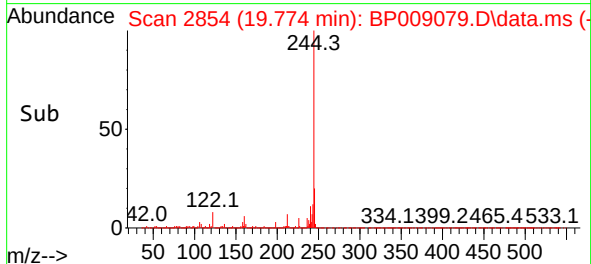
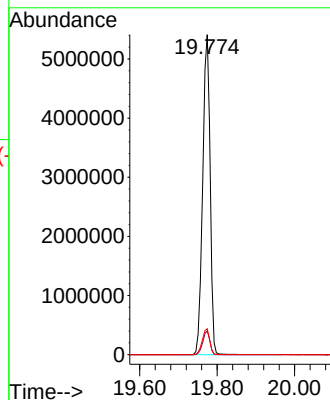
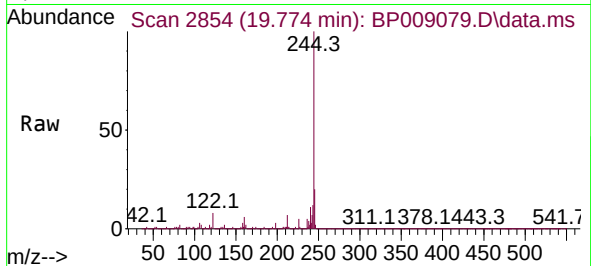




#79
 Terphenyl-d14
 Concen: 97.885 ng
 RT: 19.774 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009079.D
 Acq: 09 Feb 2022 15:50

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 7185636
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.1 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3521
 Delta R.T. 0.006 min
 Lab File: BP009079.D
 Acq: 09 Feb 2022 15:50

Tgt Ion:264 Resp: 1184110
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.2 17.1 25.7

