

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
 Data File : BP009162.D
 Acq On : 15 Feb 2022 19:37
 Operator : CG/JU
 Sample : N1521-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2-A

Quant Time: Feb 16 01:38:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 01:29:44 2022
 Response via : Initial Calibration

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

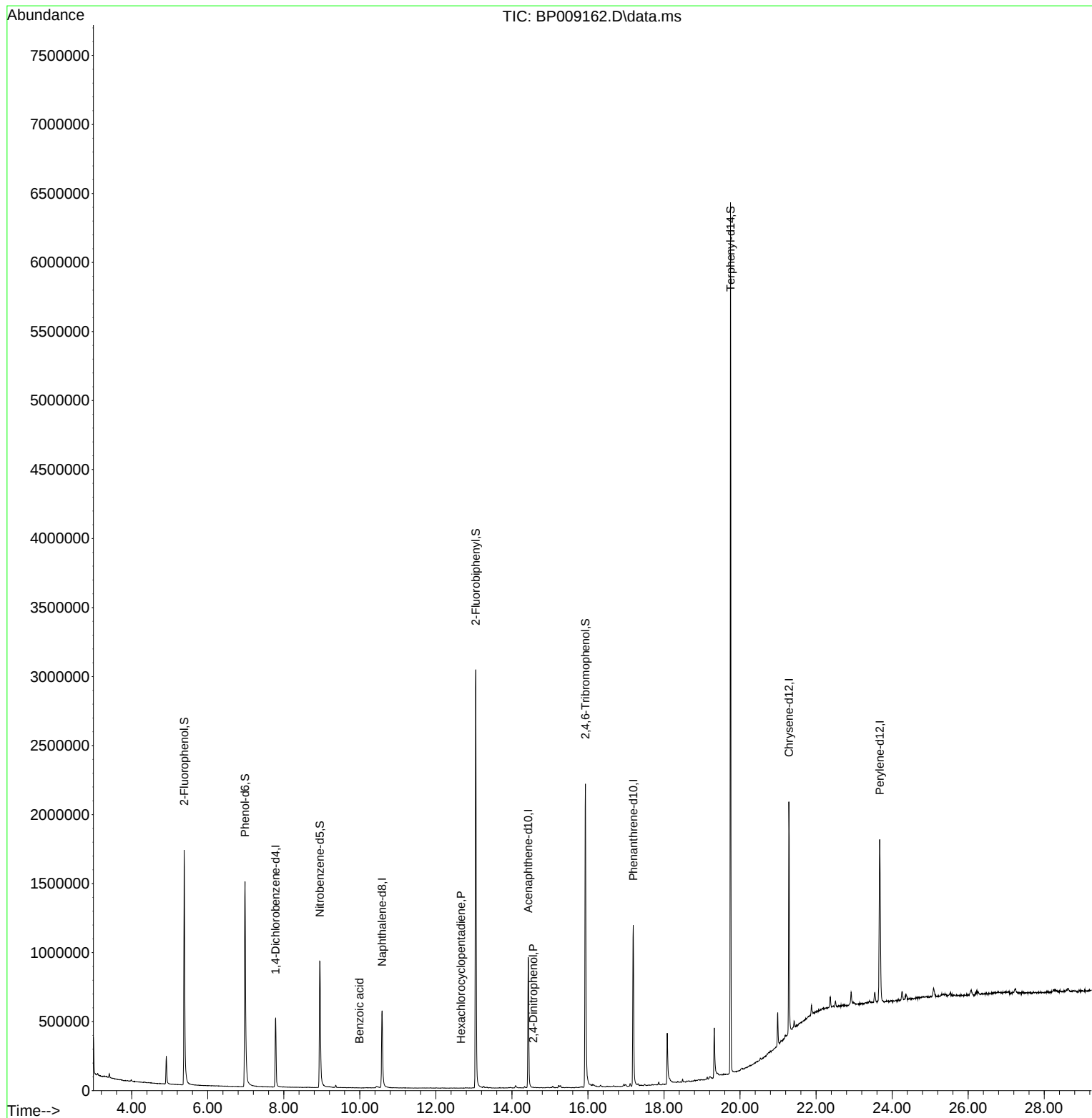
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	165098	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	617123	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	403939	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	872784	20.000	ng	0.00
76) Chrysene-d12	21.286	240	935265	20.000	ng	0.00
86) Perylene-d12	23.674	264	1017113	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	955274	103.213	ng	0.00
7) Phenol-d6	6.981	99	1158473	94.992	ng	0.00
23) Nitrobenzene-d5	8.951	82	707868	64.686	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	575298	106.669	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1823219	63.186	ng	0.00
79) Terphenyl-d14	19.751	244	2959542	56.906	ng	0.00
Target Compounds						
32) Benzoic acid	9.992	122	28	2.694	ng	# 1
41) Hexachlorocyclopentadiene	12.663	237	18	8.659	ng	82
54) 2,4-Dinitrophenol	14.563	184	23	2.175	ng	# 1

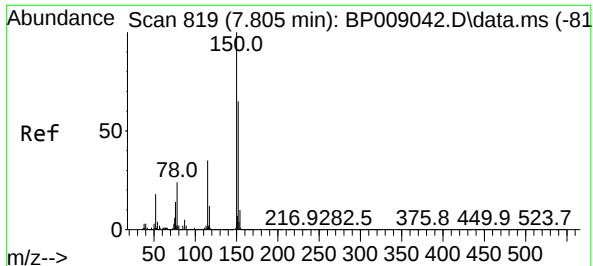
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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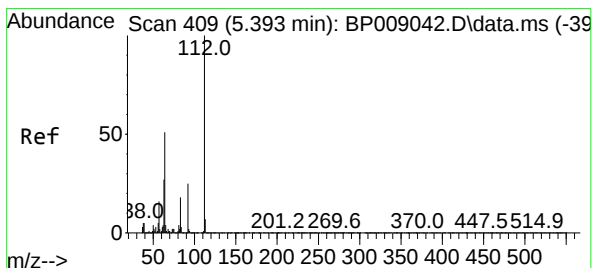
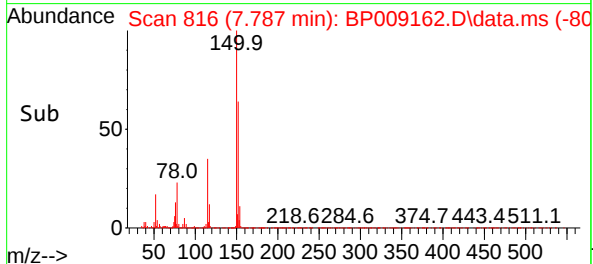
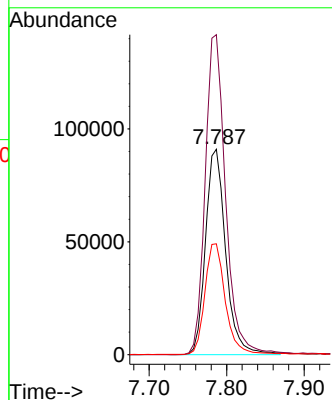
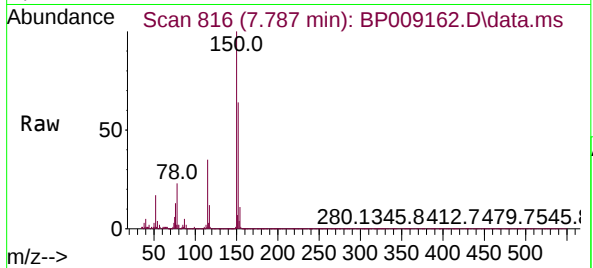




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

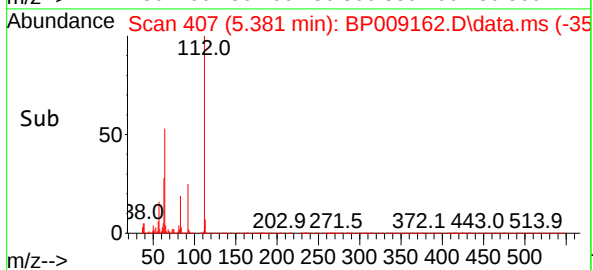
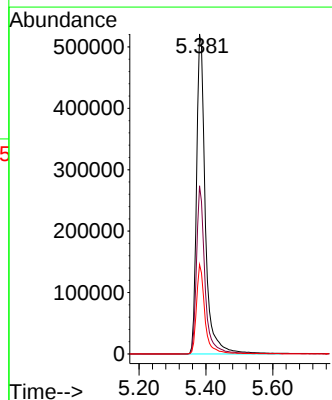
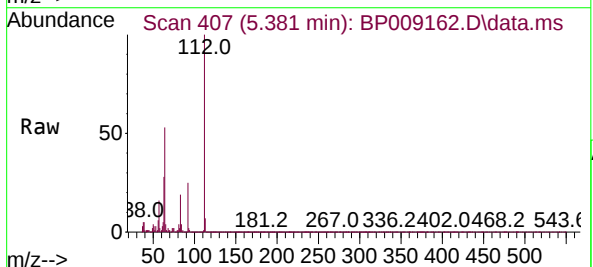
Instrument :
BNA_P
ClientSampleId :
TP2-A

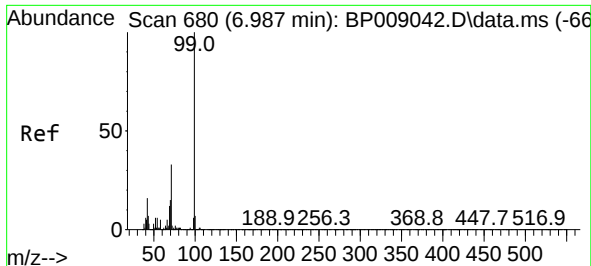
Tgt Ion:152 Resp: 165098
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 54.0 43.7 65.5



#5
2-Fluorophenol
Concen: 103.213 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

Tgt Ion:112 Resp: 955274
Ion Ratio Lower Upper
112 100
64 52.5 39.7 59.5
63 28.0 20.0 30.0

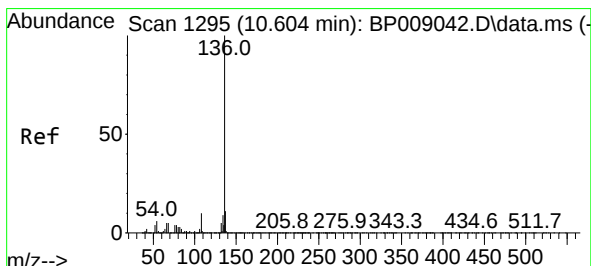
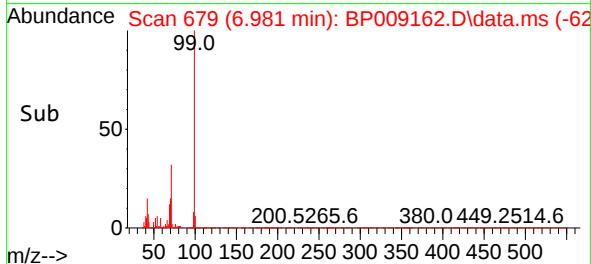
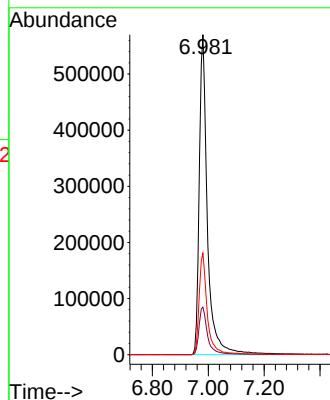
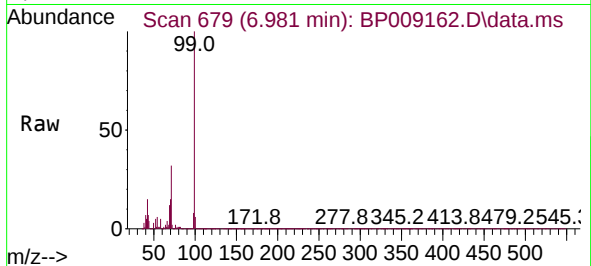




#7
Phenol-d6
Concen: 94.992 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

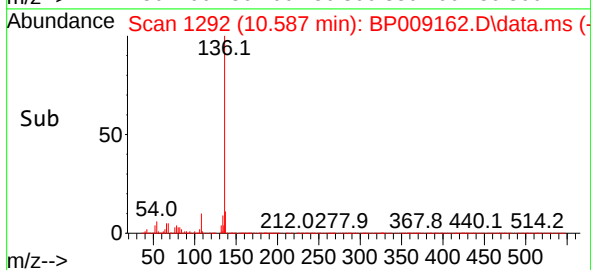
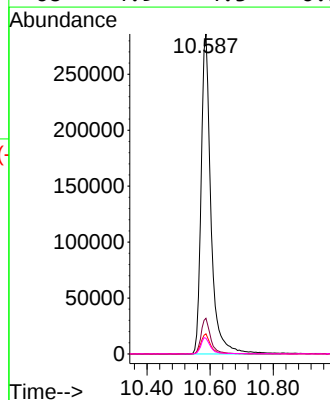
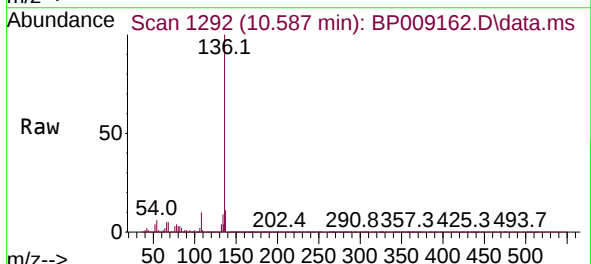
Instrument :
BNA_P
ClientSampleId :
TP2-A

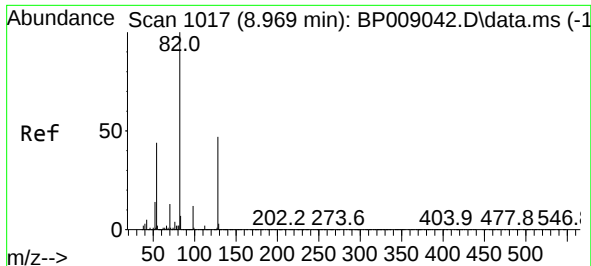
Tgt Ion: 99 Resp: 1158473
Ion Ratio Lower Upper
99 100
42 14.9 10.8 16.2
71 31.7 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

Tgt Ion: 136 Resp: 617123
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.3 4.9 7.3
68 4.9 4.3 6.5

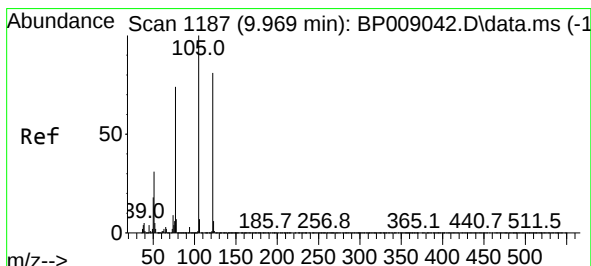
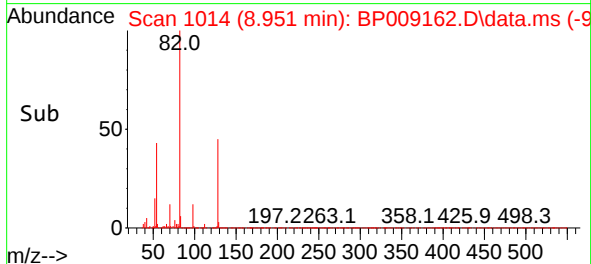
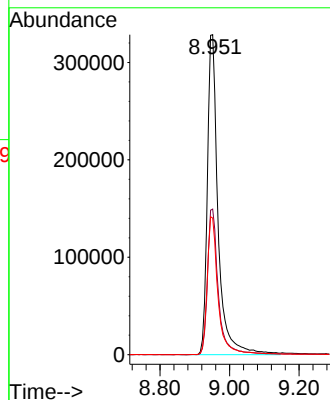
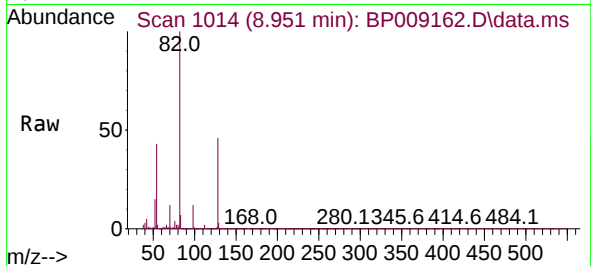




#23
Nitrobenzene-d5
Concen: 64.686 ng
RT: 8.951 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

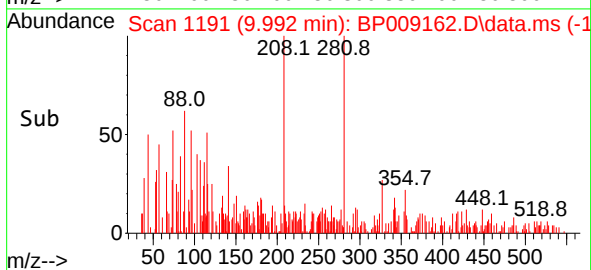
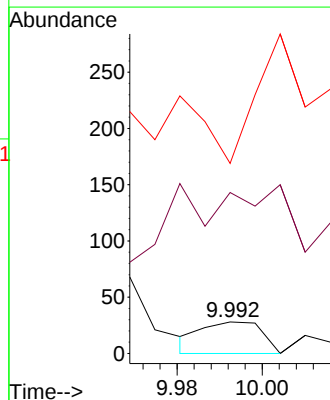
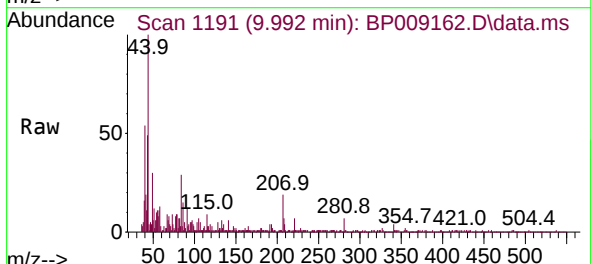
Instrument :
BNA_P
ClientSampleId :
TP2-A

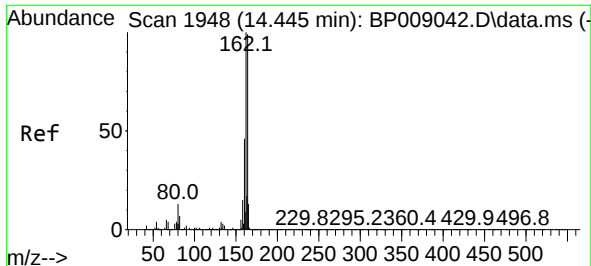
Tgt Ion: 82 Resp: 707868
Ion Ratio Lower Upper
82 100
128 45.5 39.4 59.2
54 42.7 32.6 48.8



#32
Benzoic acid
Concen: 2.694 ng
RT: 9.992 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

Tgt Ion: 122 Resp: 28
Ion Ratio Lower Upper
122 100
105 510.7 100.1 140.1#
77 603.6 65.5 105.5#

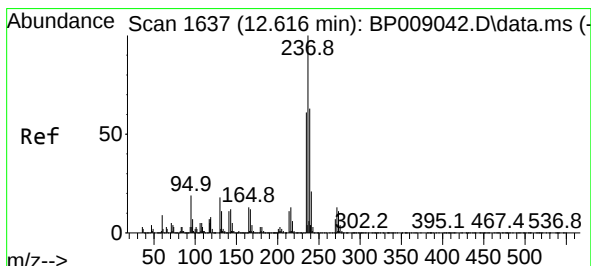
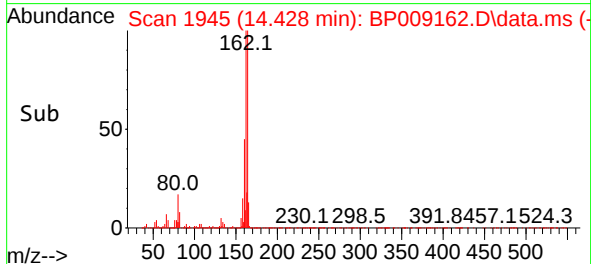
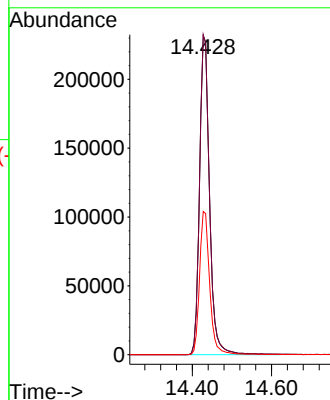
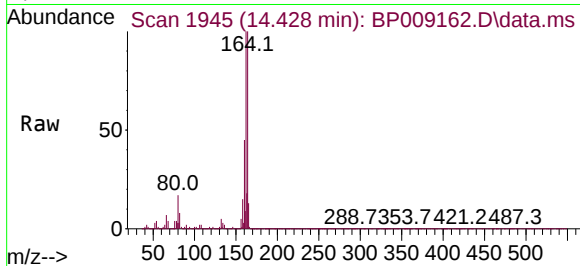




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

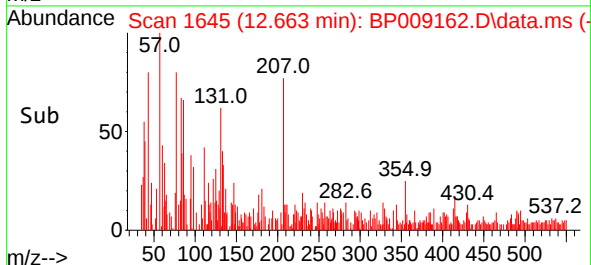
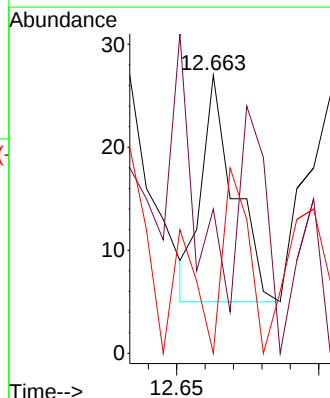
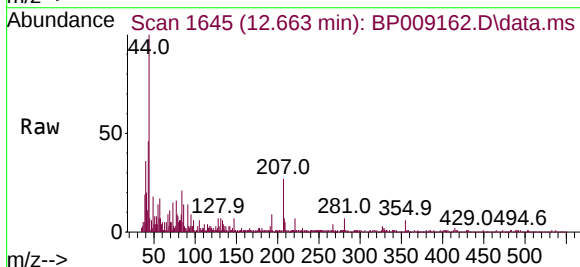
Instrument :
BNA_P
ClientSampleId :
TP2-A

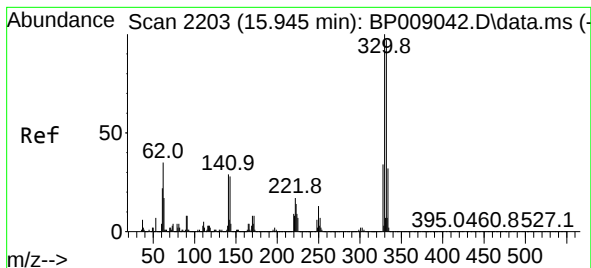
Tgt Ion:164 Resp: 403939
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 44.9 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.663 min Scan# 1645
Delta R.T. 0.059 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 51.9 42.9 82.9
272 0.0 0.0 33.8





#42

2,4,6-Tribromophenol

Concen: 106.669 ng

RT: 15.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009162.D

Acq: 15 Feb 2022 19:37

Instrument :

BNA_P

ClientSampleId :

TP2-A

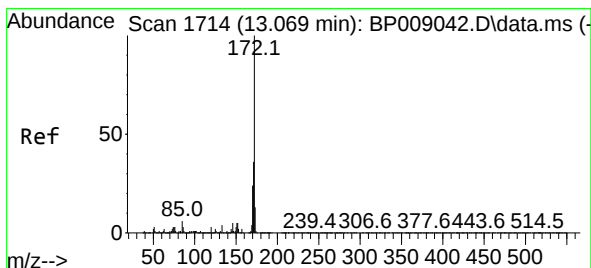
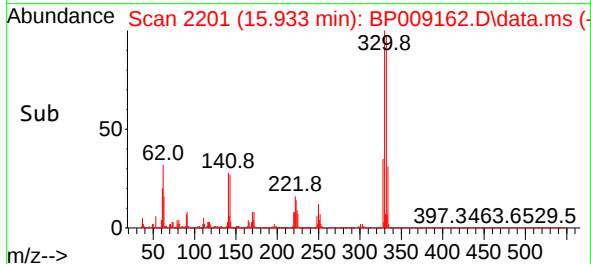
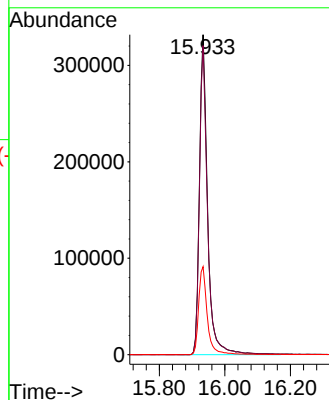
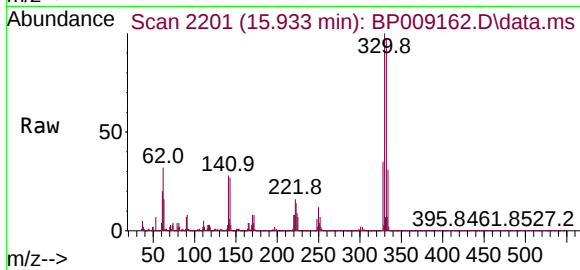
Tgt Ion:330 Resp: 575298

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 29.1 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 63.186 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009162.D

Acq: 15 Feb 2022 19:37

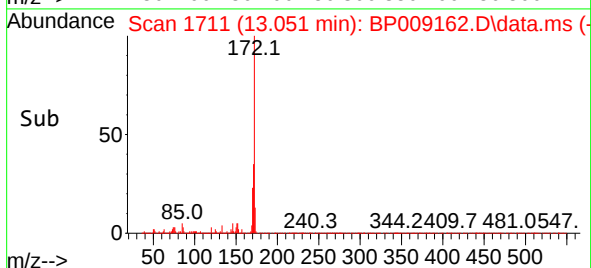
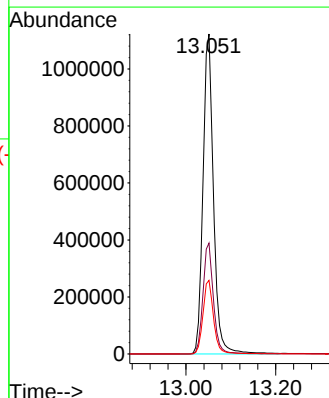
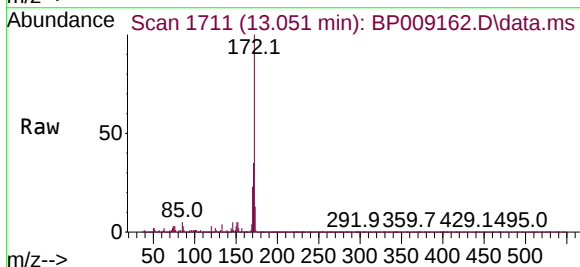
Tgt Ion:172 Resp: 1823219

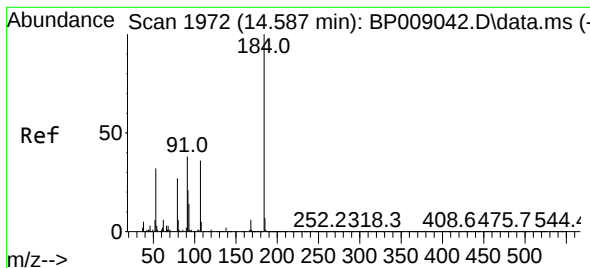
Ion Ratio Lower Upper

172 100

171 34.7 29.3 43.9

170 23.0 19.5 29.3

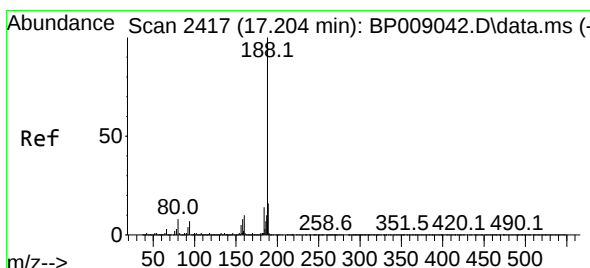
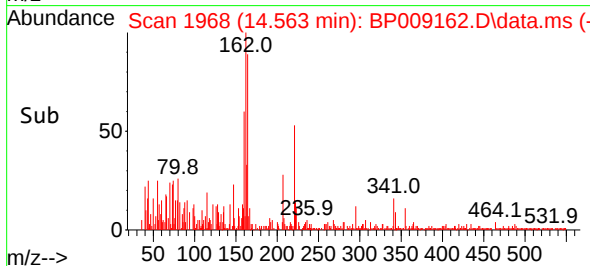
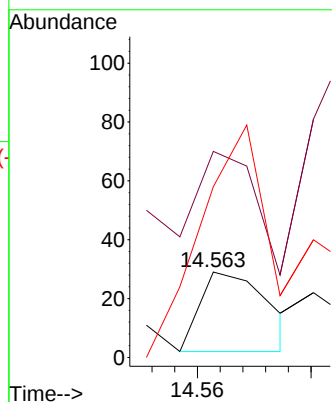
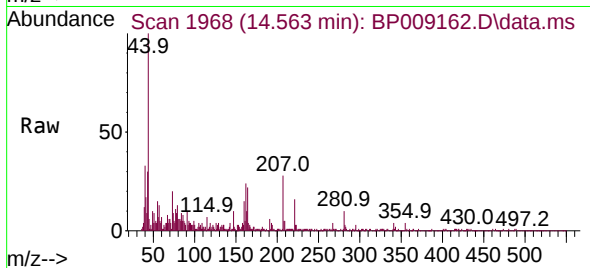




#54
2,4-Dinitrophenol
Concen: 2.175 ng
RT: 14.563 min Scan# 1972
Delta R.T. -0.035 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

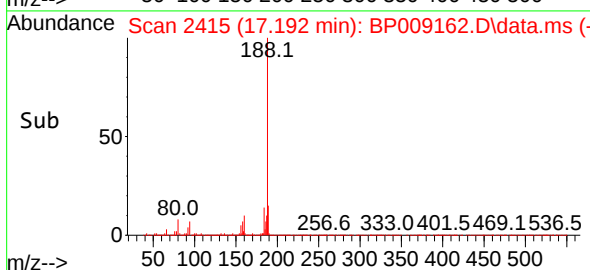
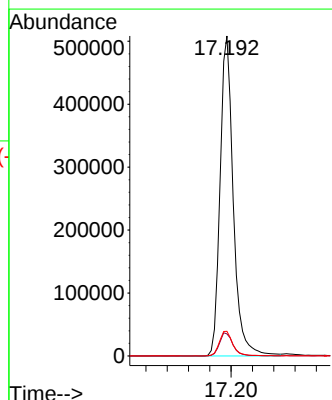
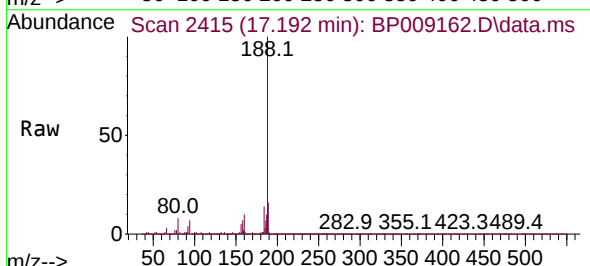
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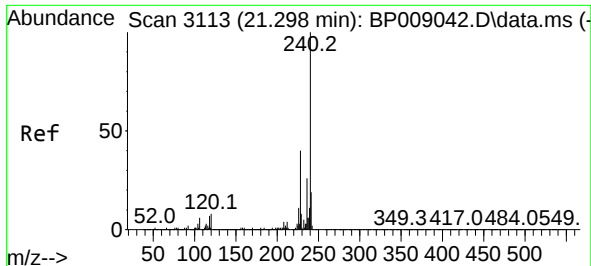
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 241.4 35.6 53.4#
154 200.0 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

Tgt Ion:188 Resp: 872784
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 7.7 7.2 10.8

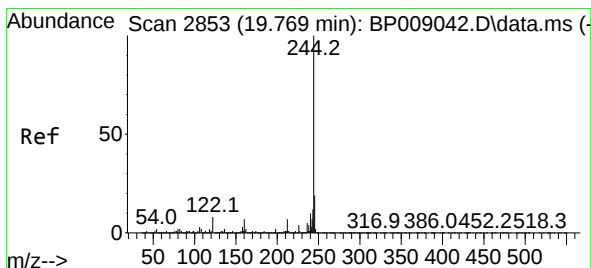
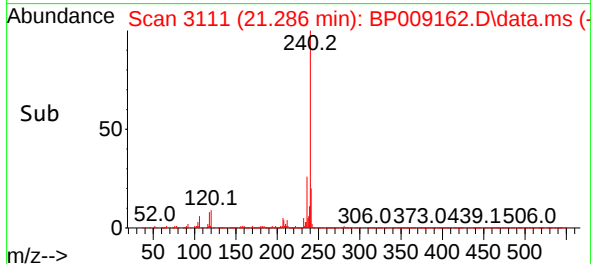
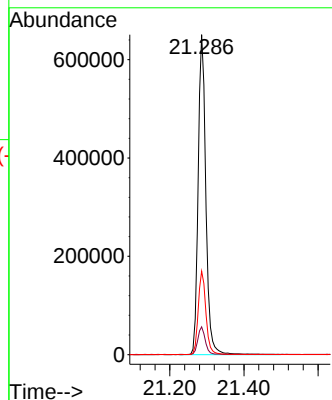
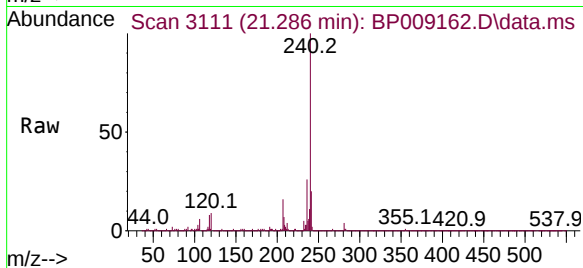




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

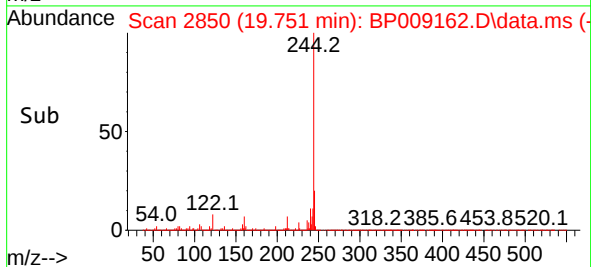
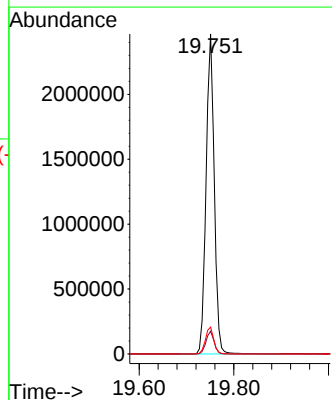
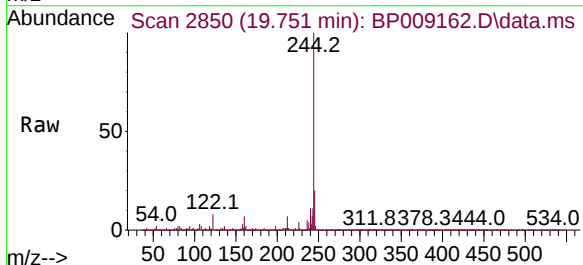
Instrument :
BNA_P
ClientSampleId :
TP2-A

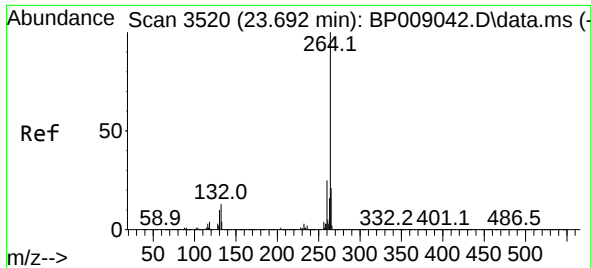
Tgt Ion:240 Resp: 935265
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 56.906 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP009162.D
Acq: 15 Feb 2022 19:37

Tgt Ion:244 Resp: 2959542
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 8.4 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.674 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP009162.D
 Acq: 15 Feb 2022 19:37

Instrument :
 BNA_P
 ClientSampleId :
 TP2-A

Tgt Ion:264 Resp: 1017113
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.6 17.1 25.7

