

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009097.D
 Acq On : 10 Feb 2022 13:53
 Operator : CG/JU
 Sample : N1432-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-4

Quant Time: Feb 10 15:34:35 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)

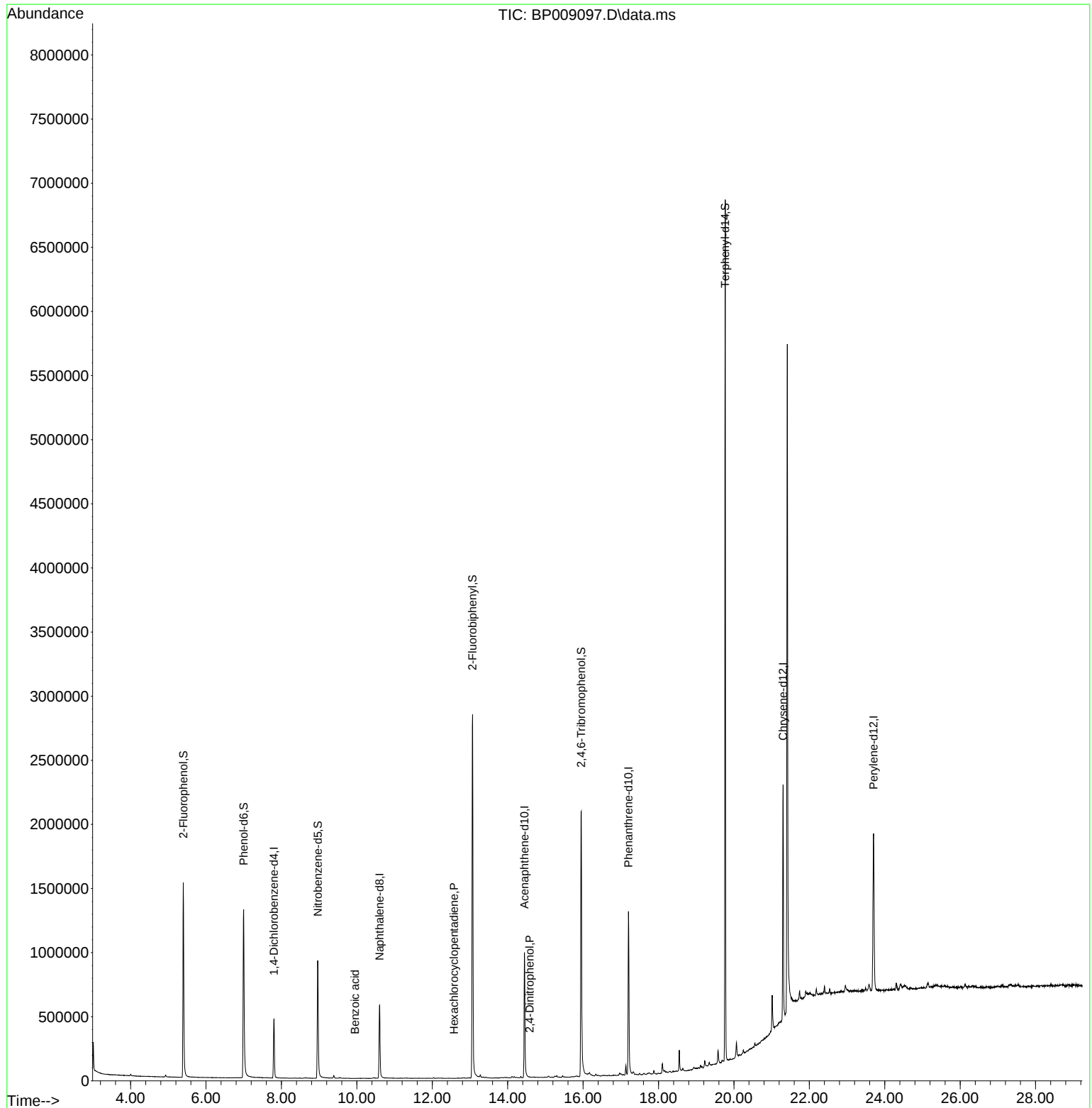
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	149026	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	575404	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	405384	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	906787	20.000	ng	0.00
76) Chrysene-d12	21.304	240	989031	20.000	ng	0.00
86) Perylene-d12	23.704	264	1057210	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	800146	95.776	ng	0.00
7) Phenol-d6	6.999	99	974345	88.510	ng	0.01
23) Nitrobenzene-d5	8.963	82	619251	60.691	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	579742	107.110	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1816326	62.722	ng	0.00
79) Terphenyl-d14	19.769	244	3179036	57.804	ng	0.00
Target Compounds						
32) Benzoic acid	9.952	122	92	2.706	ng	# 1
41) Hexachlorocyclopentadiene	12.575	237	35	8.662	ng	77
54) 2,4-Dinitrophenol	14.581	184	29	2.178	ng	# 1

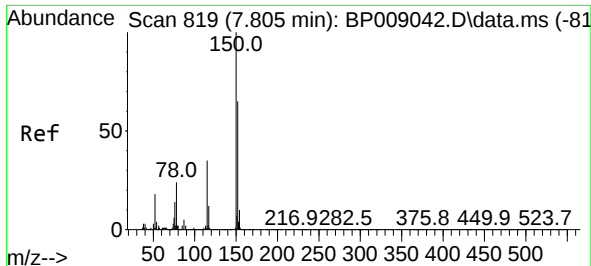
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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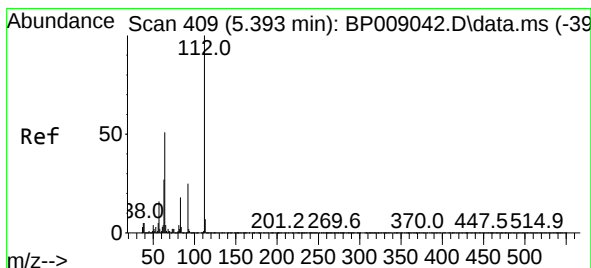
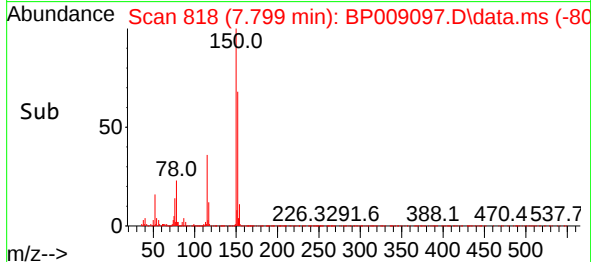
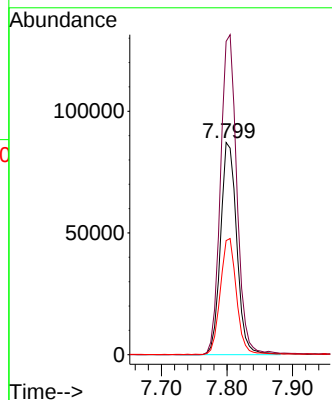
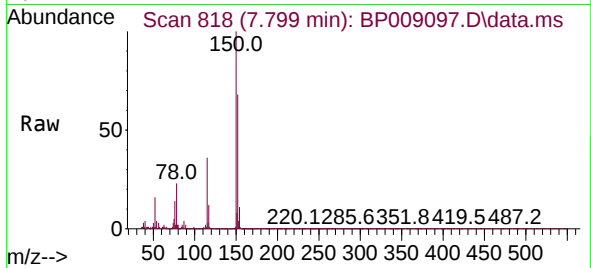




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

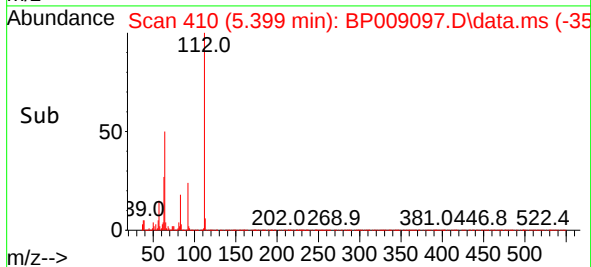
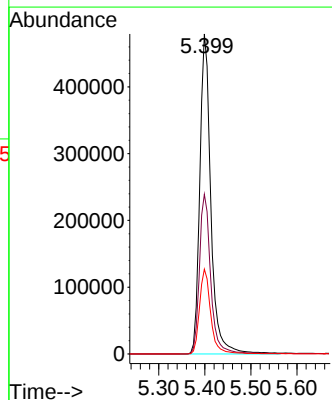
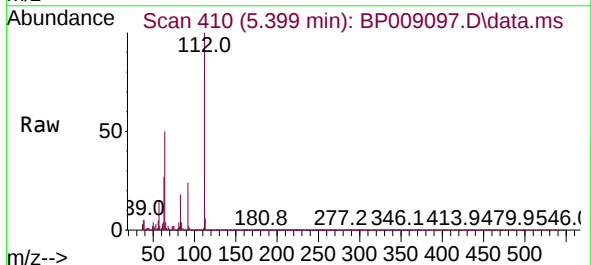
Instrument :
BNA_P
ClientSampleId :
SP-4

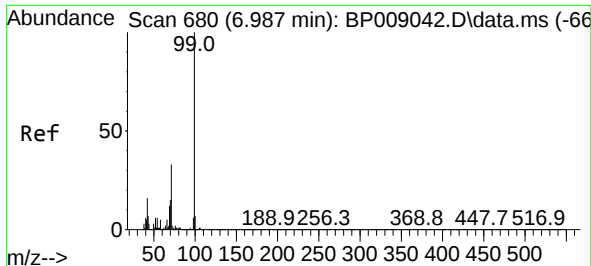
Tgt Ion:152 Resp: 149026
Ion Ratio Lower Upper
152 100
150 147.6 127.0 190.6
115 53.7 43.7 65.5



#5
2-Fluorophenol
Concen: 95.776 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

Tgt Ion:112 Resp: 800146
Ion Ratio Lower Upper
112 100
64 49.9 39.7 59.5
63 26.5 20.0 30.0

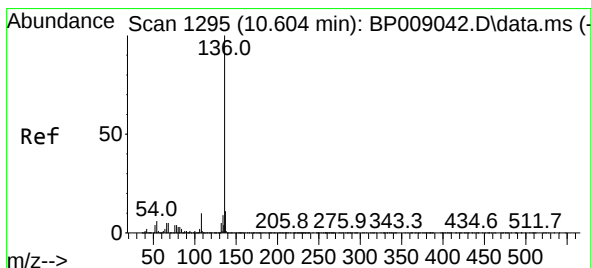
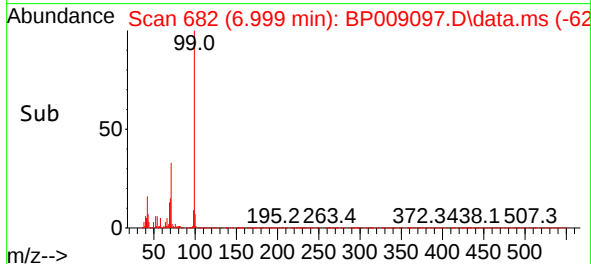
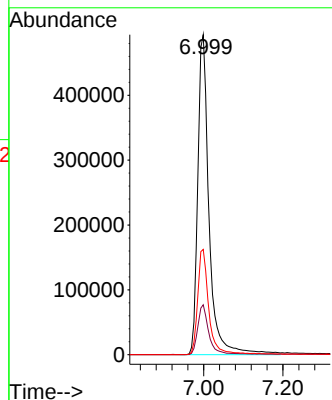
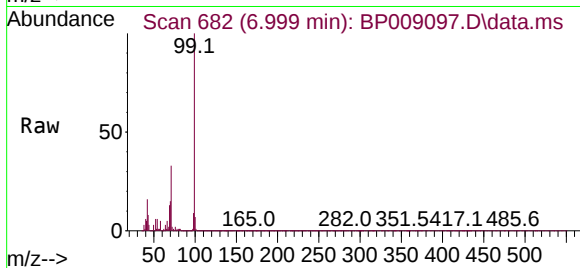




#7
Phenol-d6
Concen: 88.510 ng
RT: 6.999 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

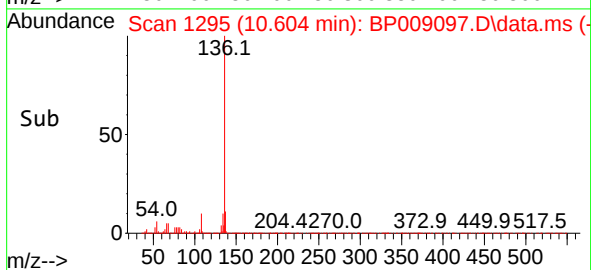
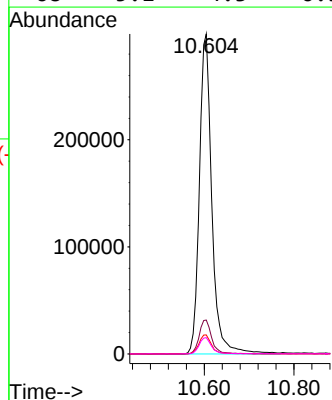
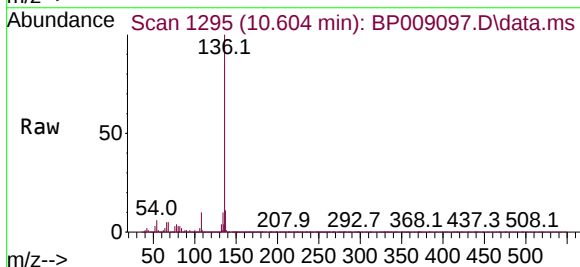
Instrument :
BNA_P
ClientSampleId :
SP-4

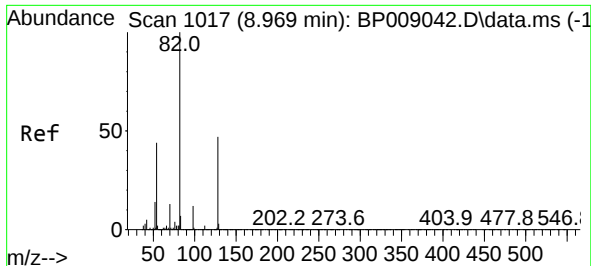
Tgt Ion: 99 Resp: 974345
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 32.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

Tgt Ion: 136 Resp: 575404
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.0 4.9 7.3
68 5.1 4.3 6.5

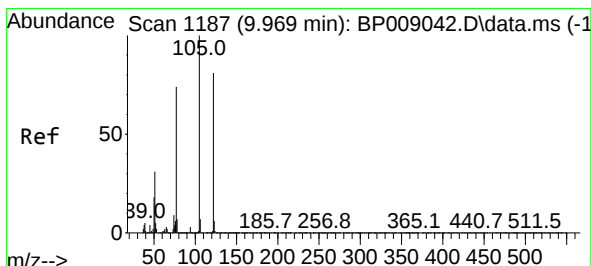
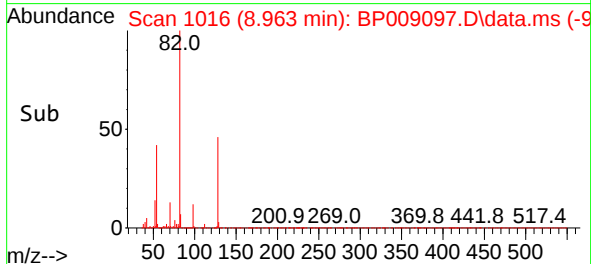
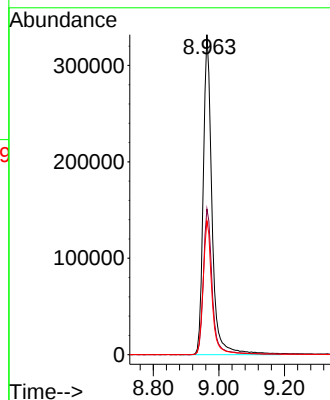
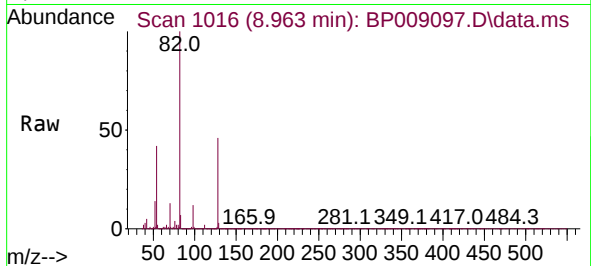




#23
Nitrobenzene-d5
Concen: 60.691 ng
RT: 8.963 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

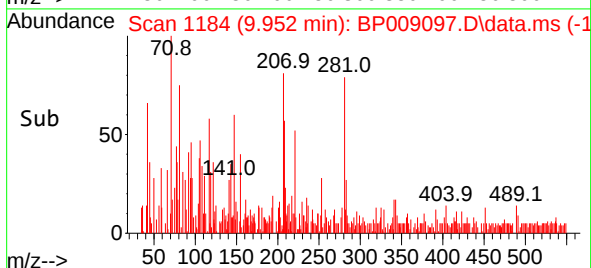
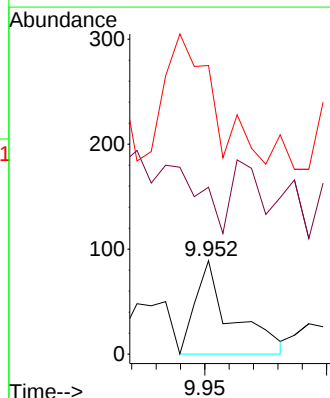
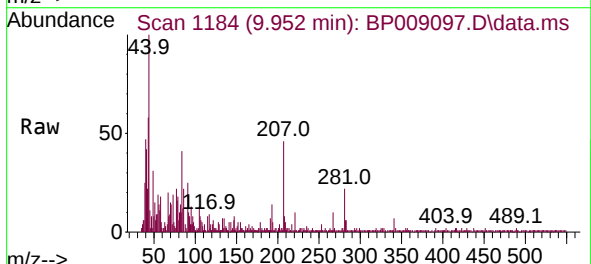
Instrument :
BNA_P
ClientSampleId :
SP-4

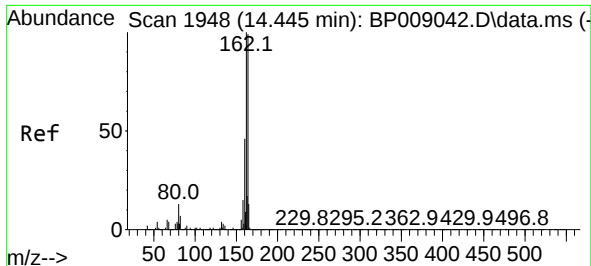
Tgt Ion: 82 Resp: 619251
Ion Ratio Lower Upper
82 100
128 45.6 39.4 59.2
54 41.8 32.6 48.8



#32
Benzoic acid
Concen: 2.706 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.017 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

Tgt Ion: 122 Resp: 92
Ion Ratio Lower Upper
122 100
105 178.7 100.1 140.1#
77 309.0 65.5 105.5#

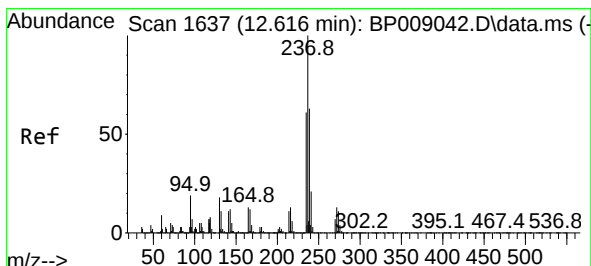
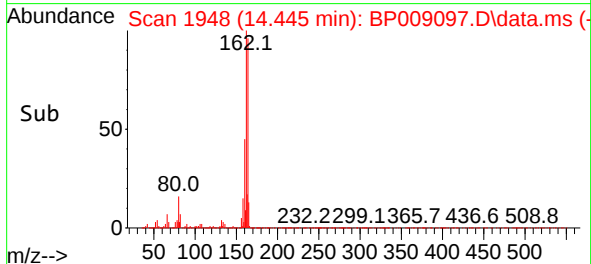
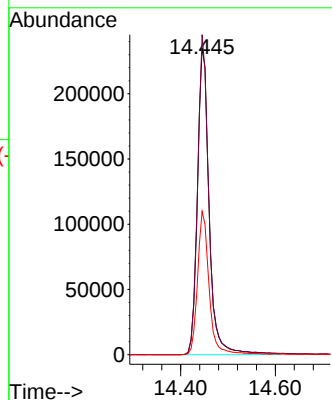
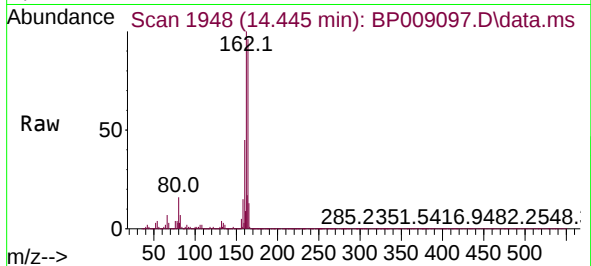




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

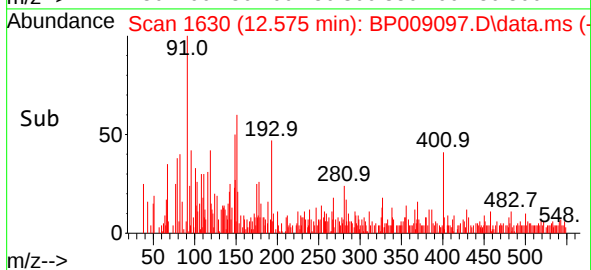
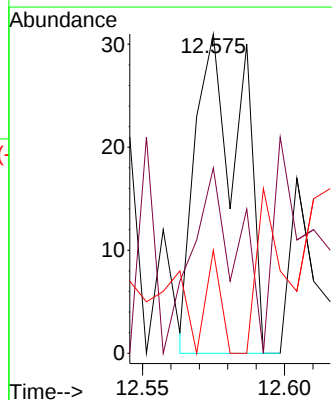
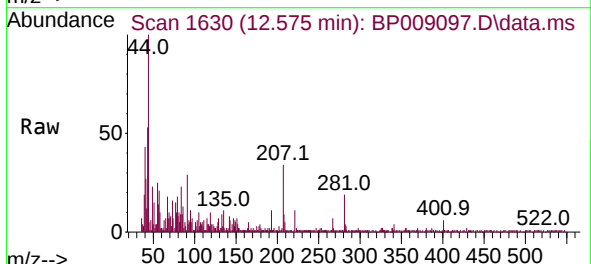
Instrument :
BNA_P
ClientSampleId :
SP-4

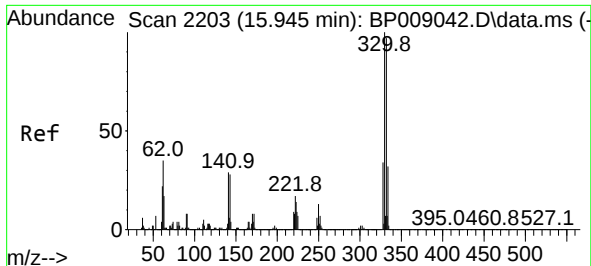
Tgt Ion:	164	Resp:	405384
Ion Ratio	Lower	Upper	
164	100		
162	104.3	79.9	119.9
160	46.7	35.5	53.3



#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.041 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

Tgt Ion:	237	Resp:	35
Ion Ratio	Lower	Upper	
237	100		
235	46.2	42.9	82.9
272	25.6	0.0	33.8

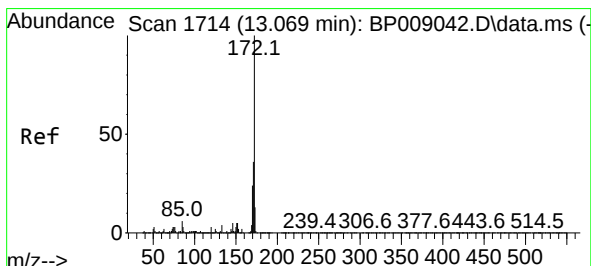
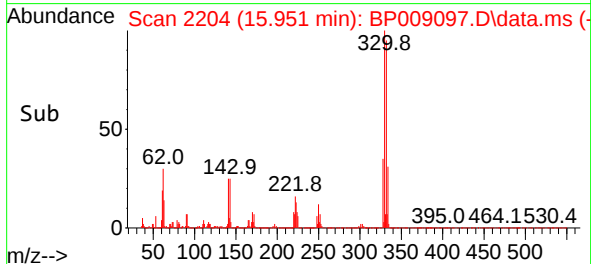
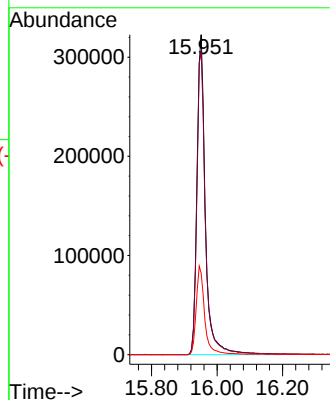
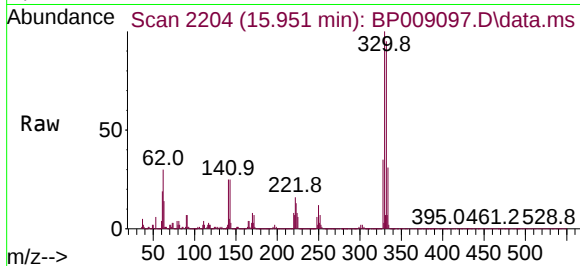




#42
2,4,6-Tribromophenol
Concen: 107.110 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

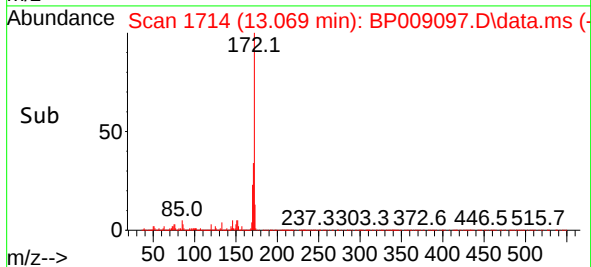
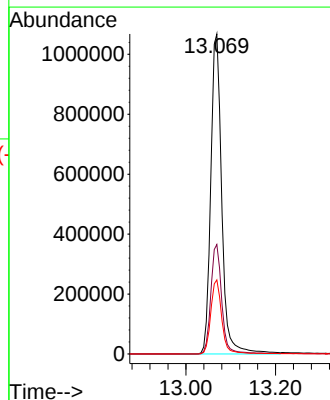
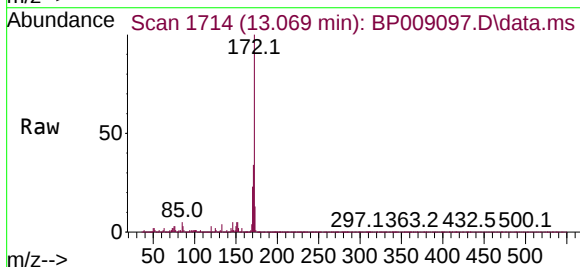
Instrument :
BNA_P
ClientSampleId :
SP-4

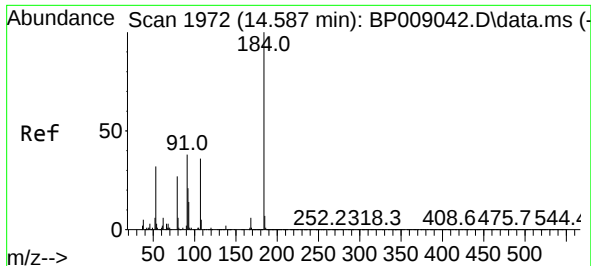
Tgt Ion:330 Resp: 579742
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 62.722 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

Tgt Ion:172 Resp: 1816326
Ion Ratio Lower Upper
172 100
171 34.2 29.3 43.9
170 23.1 19.5 29.3

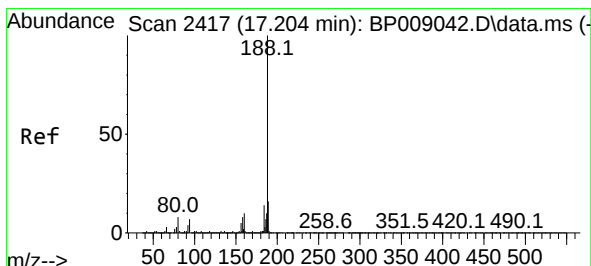
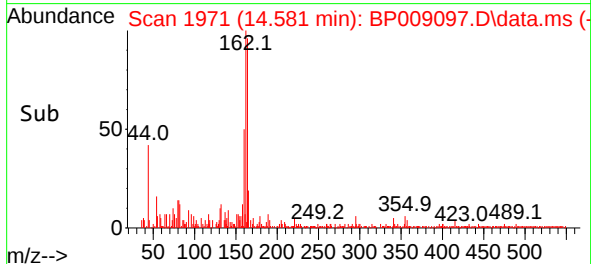
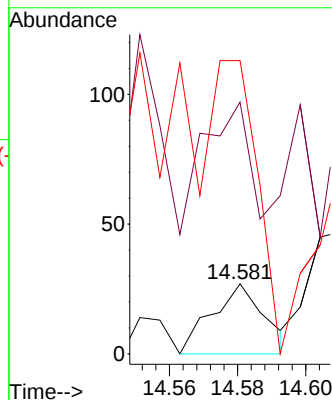
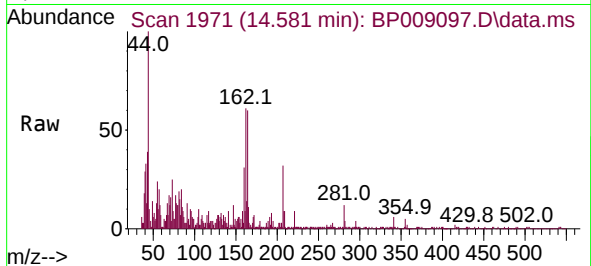




#54
2,4-Dinitrophenol
Concen: 2.178 ng
RT: 14.581 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

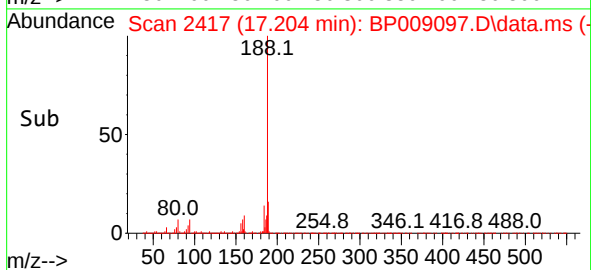
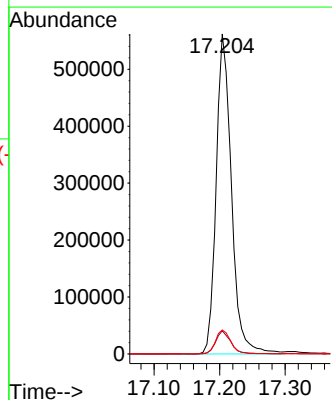
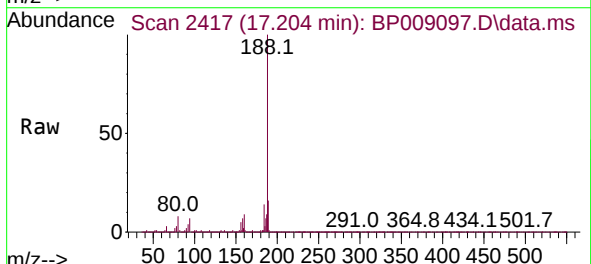
Instrument :
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ClientSampleId :
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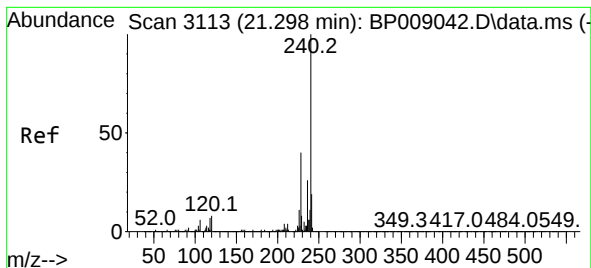
Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 359.3 35.6 53.4#
154 614.8 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009097.D
Acq: 10 Feb 2022 13:53

Tgt Ion:188 Resp: 906787
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.5 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: BP009097.D

Acq: 10 Feb 2022 13:53

Instrument :

BNA_P

ClientSampleId :

SP-4

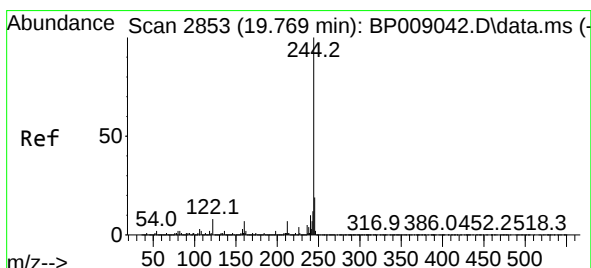
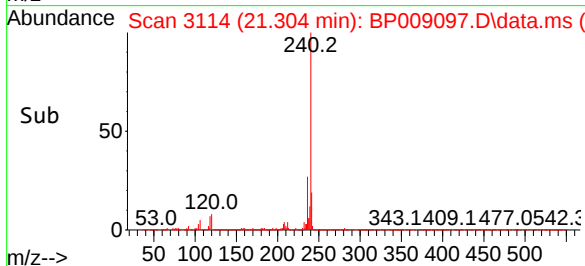
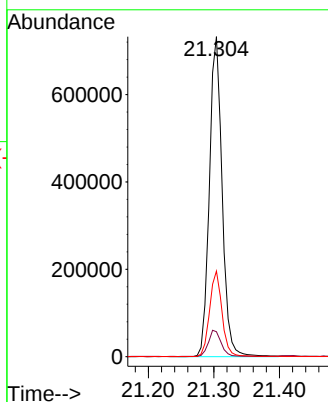
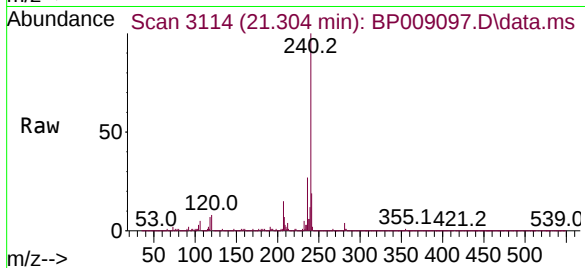
Tgt Ion:240 Resp: 989031

Ion Ratio Lower Upper

240 100

120 7.8 7.7 11.5

236 26.7 21.2 31.8



#79

Terphenyl-d14

Concen: 57.804 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP009097.D

Acq: 10 Feb 2022 13:53

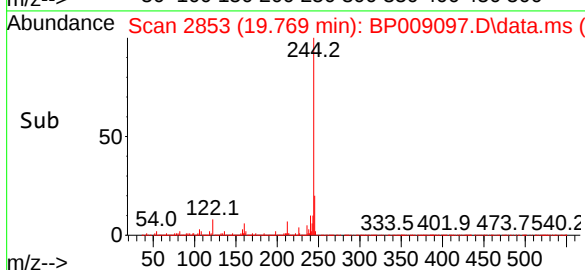
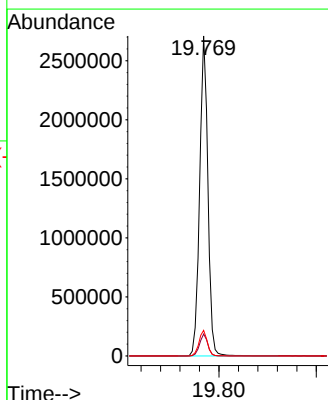
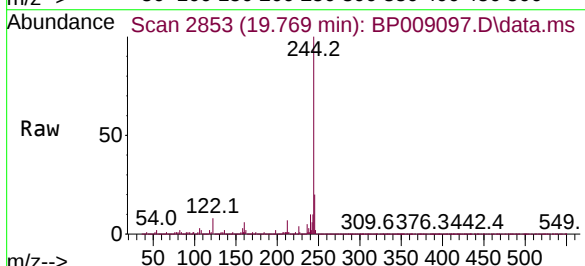
Tgt Ion:244 Resp: 3179036

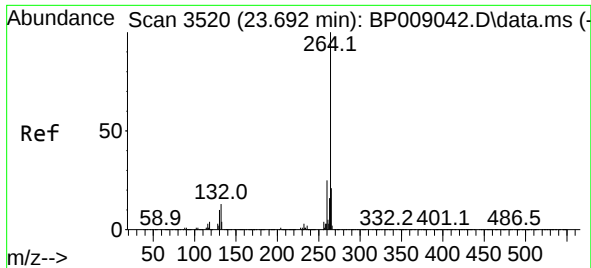
Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

122 8.0 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP009097.D
 Acq: 10 Feb 2022 13:53

Instrument :
 BNA_P
 ClientSampleId :
 SP-4

Tgt Ion:264 Resp: 1057210
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 17.1 25.7

