

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009223.D
 Acq On : 18 Feb 2022 20:23
 Operator : CG/JU
 Sample : N1579-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4R-S(0-0.5)

Quant Time: Feb 19 00:50:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

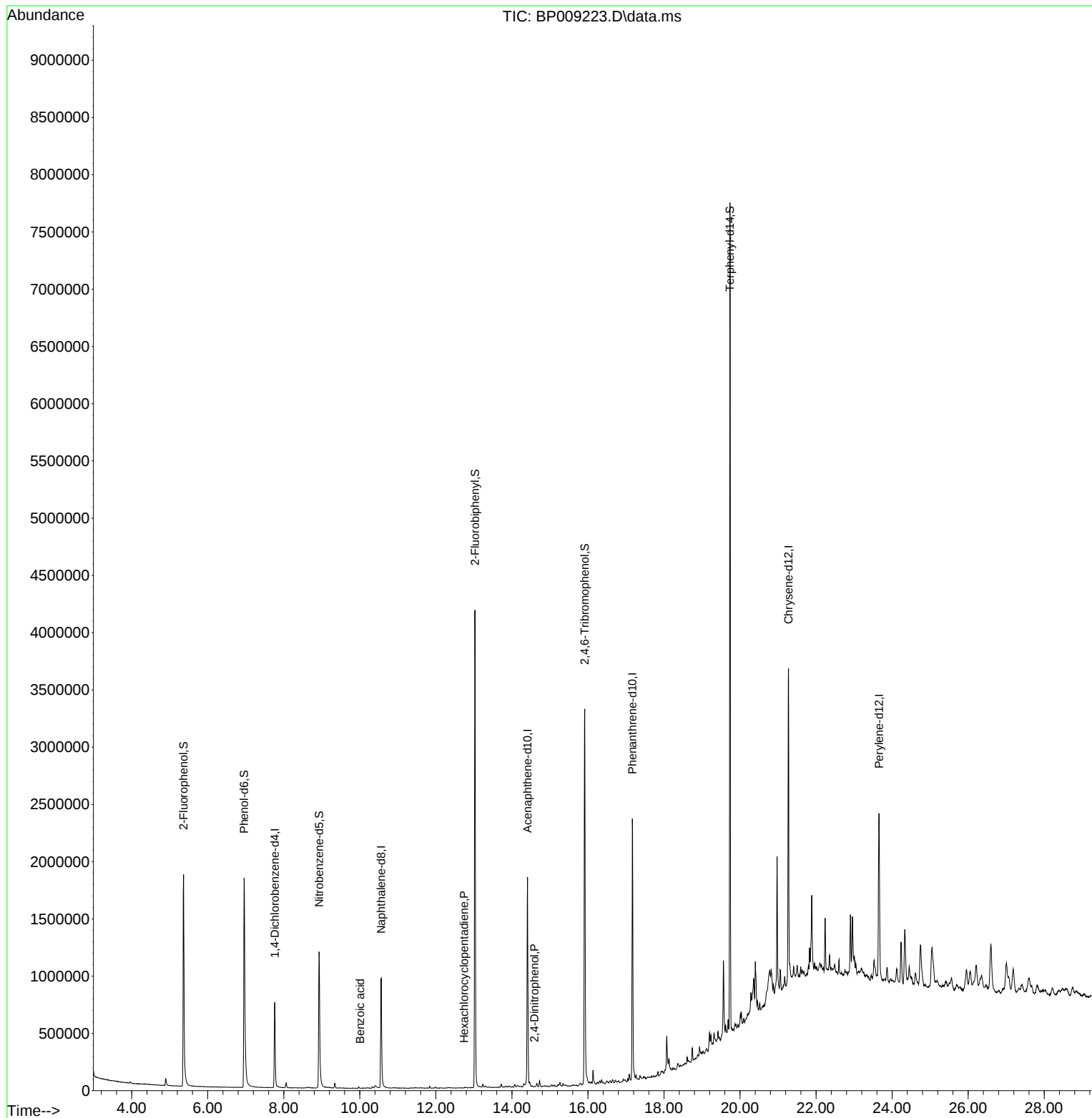
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	248238	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1011666	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	711770	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1553804	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1407039	20.000	ng	0.00
86) Perylene-d12	23.657	264	1211850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1102251	79.206	ng	0.00
7) Phenol-d6	6.957	99	1468380	80.078	ng	0.00
23) Nitrobenzene-d5	8.928	82	914707	50.989	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	838283	88.209	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2465450	48.490	ng	0.00
79) Terphenyl-d14	19.733	244	3681930	47.059	ng	-0.01
Target Compounds						
32) Benzoic acid	10.010	122	56	2.695	ng	# 1
41) Hexachlorocyclopentadiene	12.745	237	13	8.657	ng	75
54) 2,4-Dinitrophenol	14.592	184	16	2.170	ng	# 1

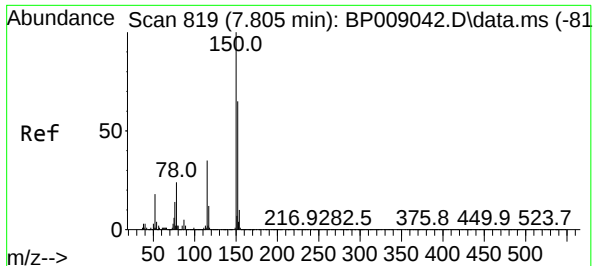
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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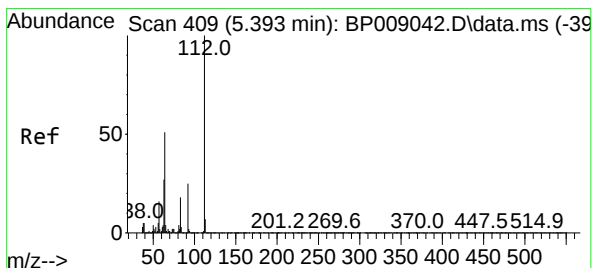
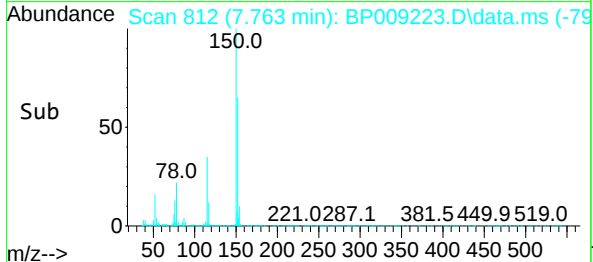
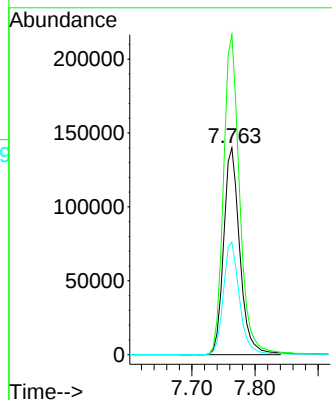
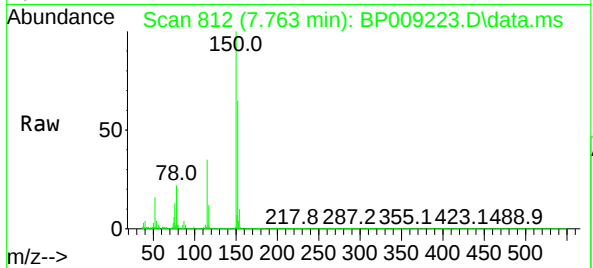




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

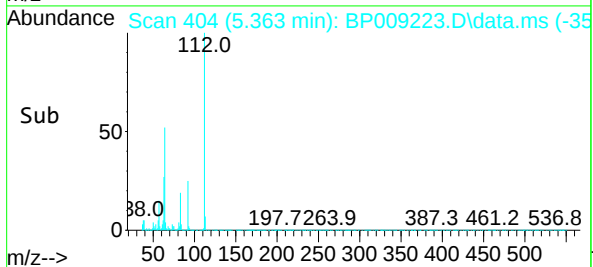
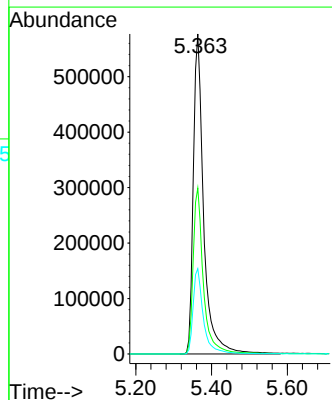
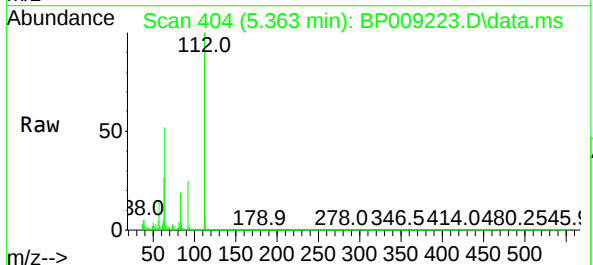
Instrument :
BNA_P
ClientSampleId :
SB-4R-S(0-0.5)

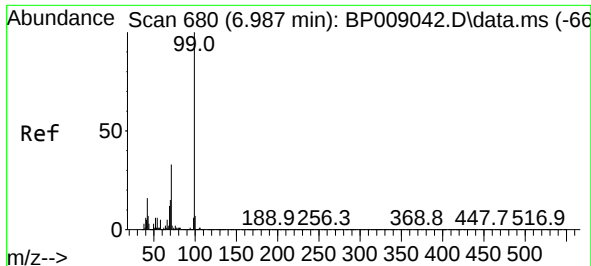
Tgt Ion:152 Resp: 248238
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 79.206 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion:112 Resp: 1102251
Ion Ratio Lower Upper
112 100
64 51.9 39.7 59.5
63 26.6 20.0 30.0

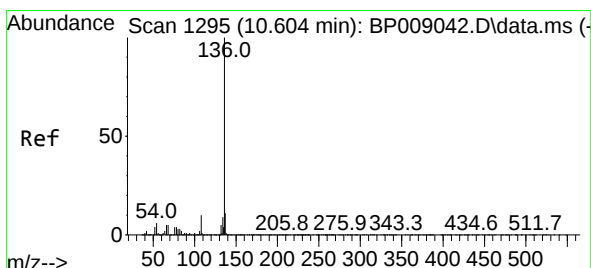
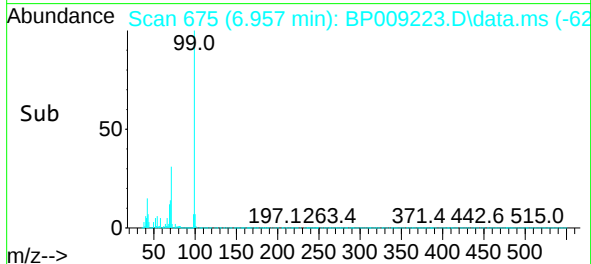
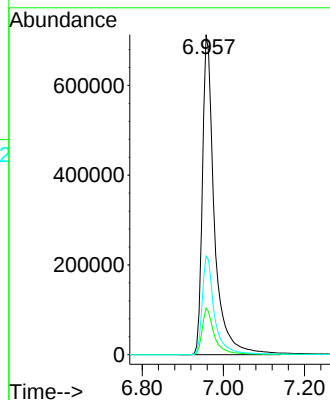
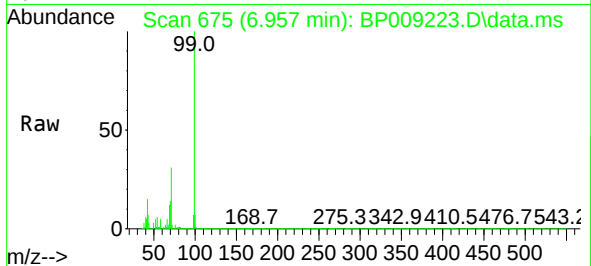




#7
Phenol-d6
Concen: 80.078 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

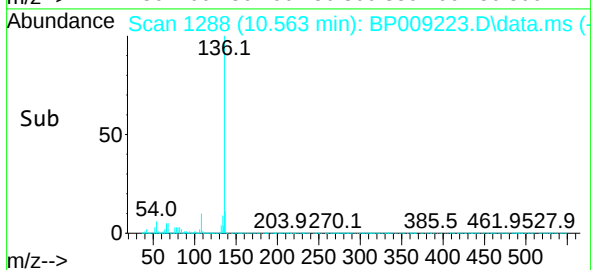
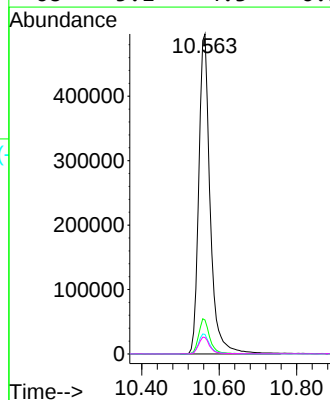
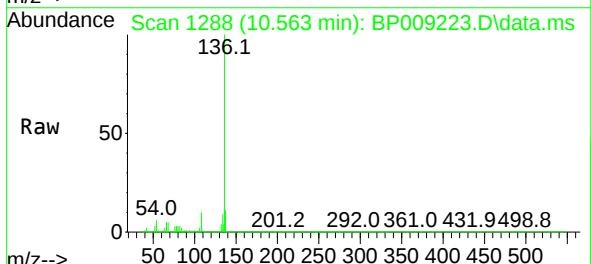
Instrument :
BNA_P
ClientSampleId :
SB-4R-S(0-0.5)

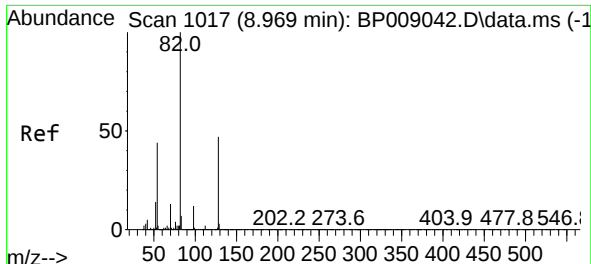
Tgt Ion: 99 Resp: 1468380
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 30.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion: 136 Resp: 1011666
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.1 4.9 7.3
68 5.1 4.3 6.5

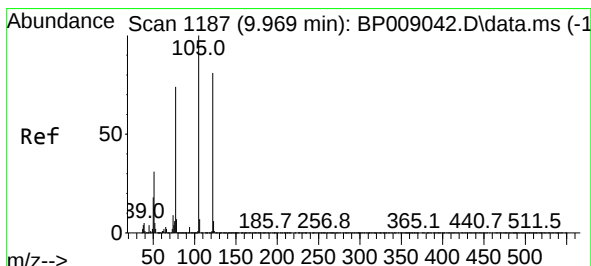
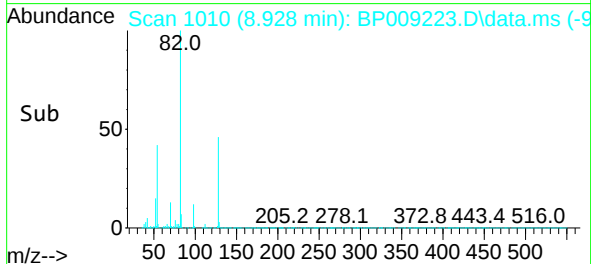
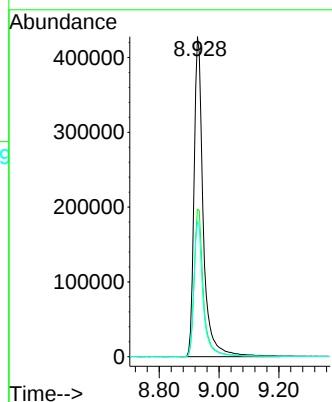
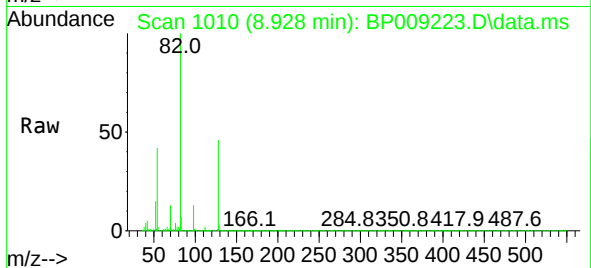




#23
Nitrobenzene-d5
Concen: 50.989 ng
RT: 8.928 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

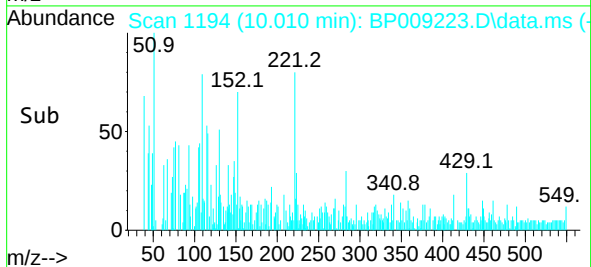
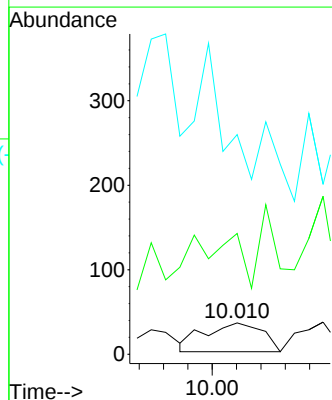
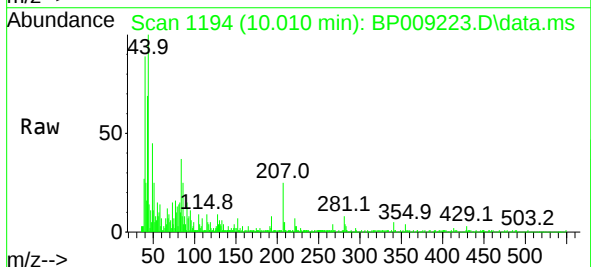
Instrument :
BNA_P
ClientSampleId :
SB-4R-S(0-0.5)

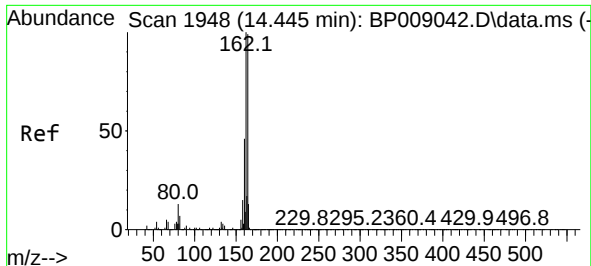
Tgt Ion: 82 Resp: 914707
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 42.3 32.6 48.8



#32
Benzoic acid
Concen: 2.695 ng
RT: 10.010 min Scan# 1194
Delta R.T. 0.012 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 386.5 100.1 140.1#
77 702.7 65.5 105.5#

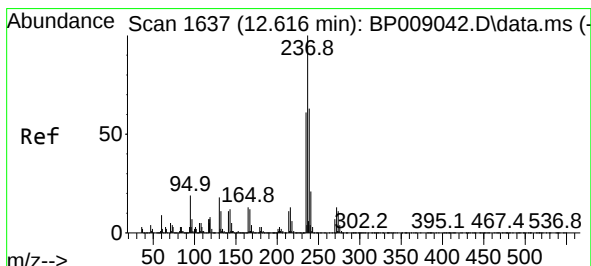
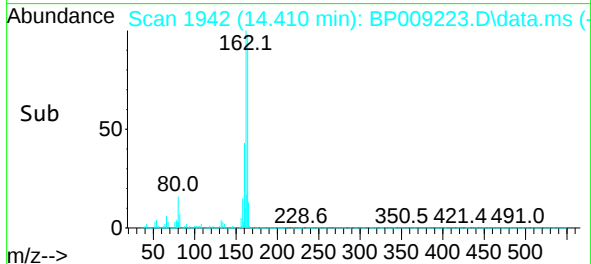
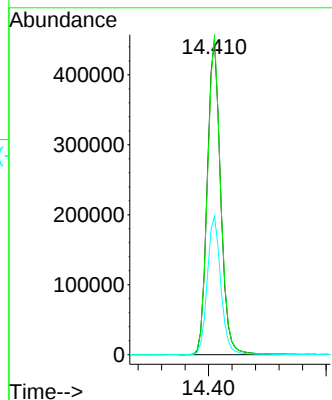
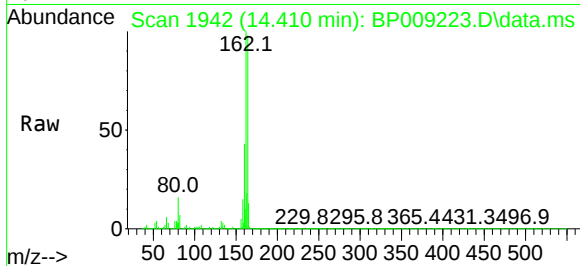




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

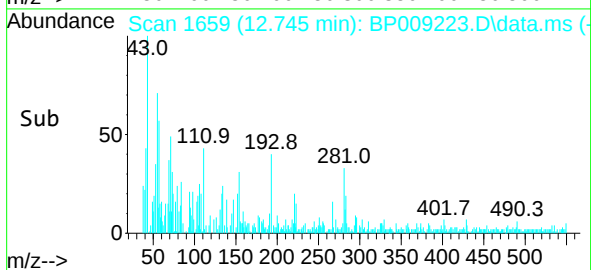
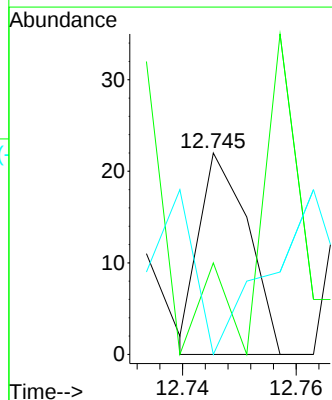
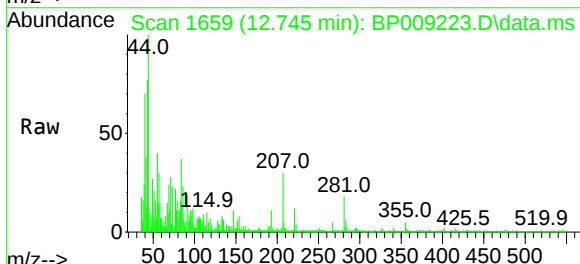
Instrument :
BNA_P
ClientSampleId :
SB-4R-S(0-0.5)

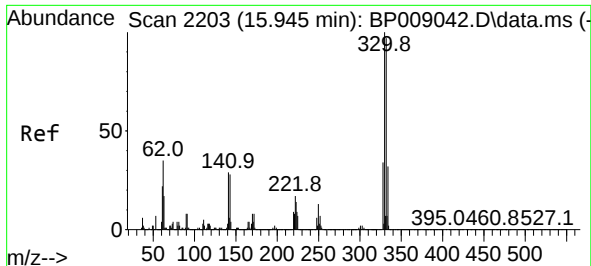
Tgt Ion:164 Resp: 711770
Ion Ratio Lower Upper
164 100
162 101.5 79.9 119.9
160 43.9 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.745 min Scan# 1659
Delta R.T. 0.170 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 45.5 42.9 82.9
272 0.0 0.0 33.8

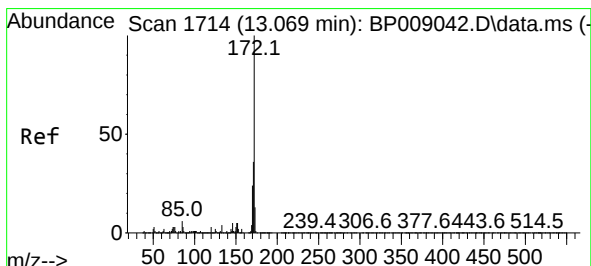
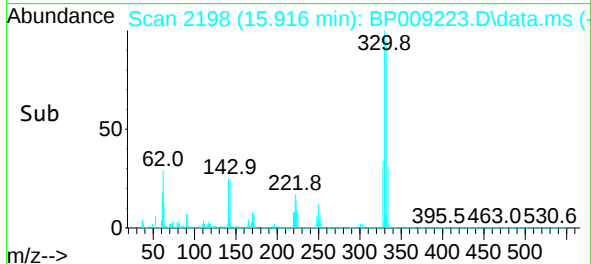
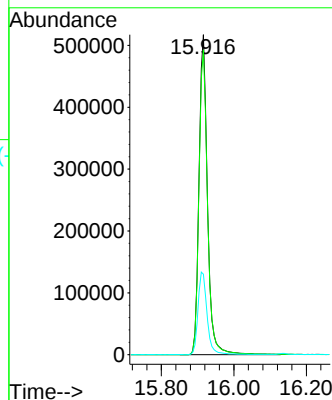
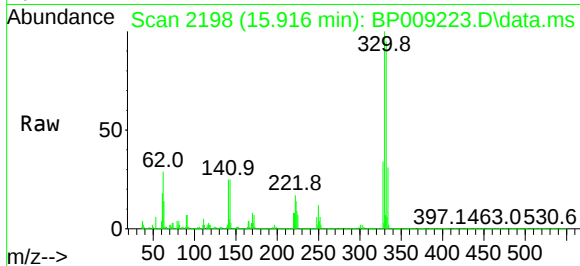




#42
2,4,6-Tribromophenol
Concen: 88.209 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

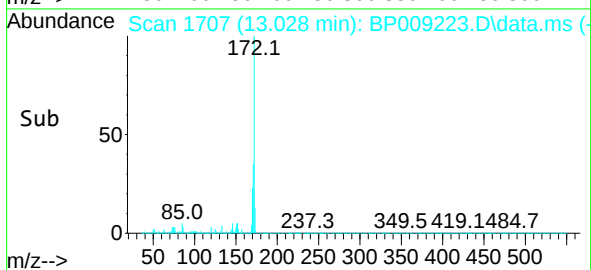
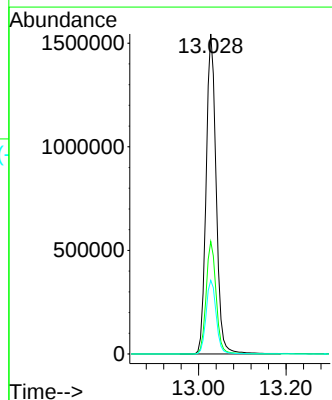
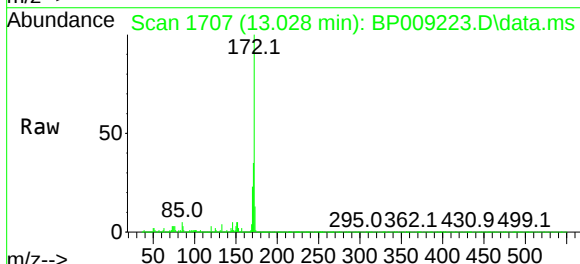
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SB-4R-S(0-0.5)

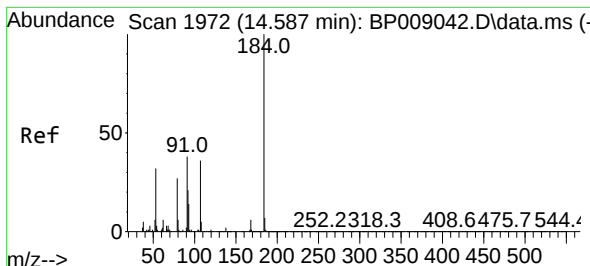
Tgt Ion:330 Resp: 838283
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 48.490 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion:172 Resp: 2465450
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.0 19.5 29.3

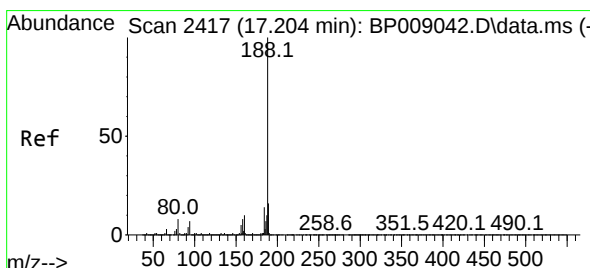
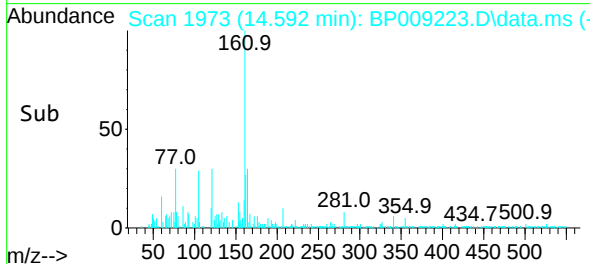
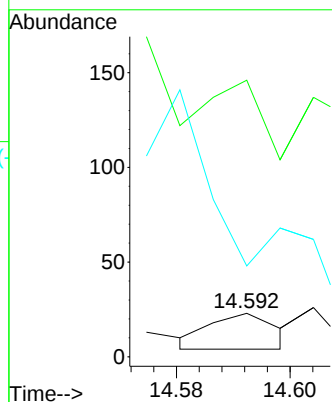
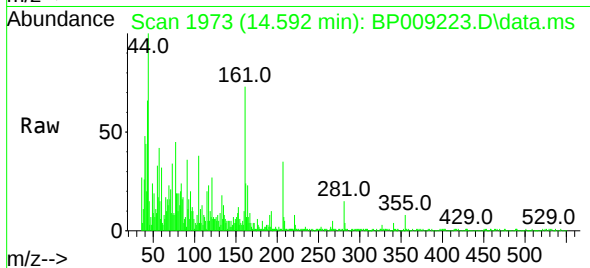




#54
2,4-Dinitrophenol
Concen: 2.170 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

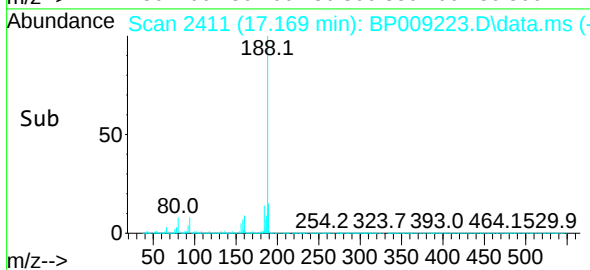
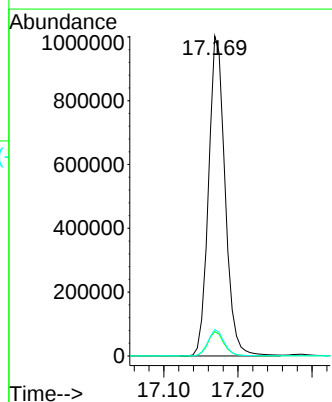
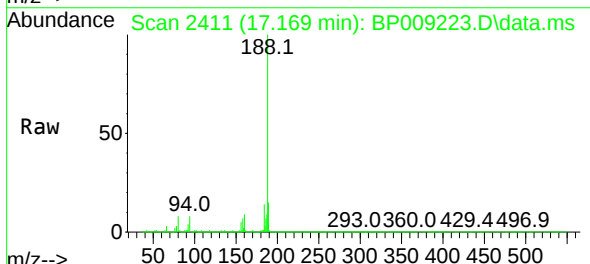
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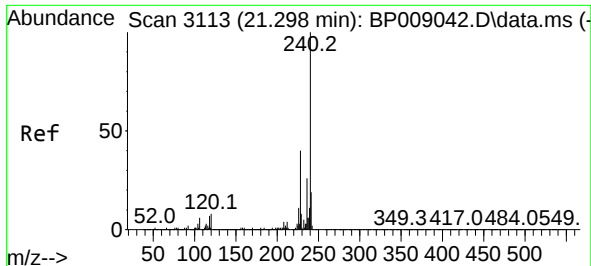
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 634.8 35.6 53.4#
154 208.7 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion:188 Resp: 1553804
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.3 7.2 10.8

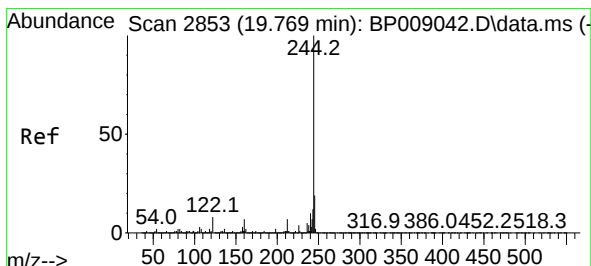
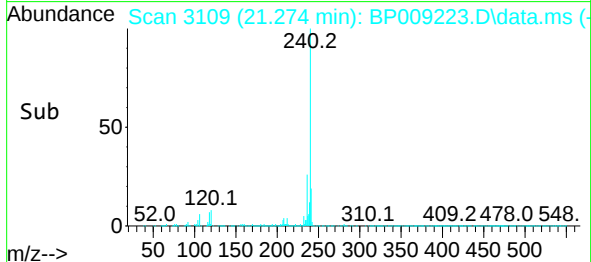
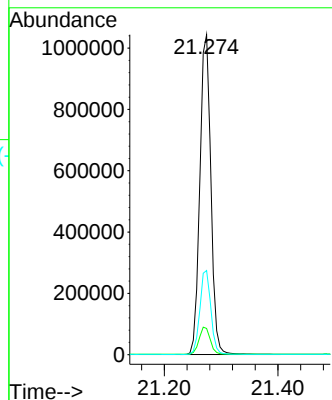
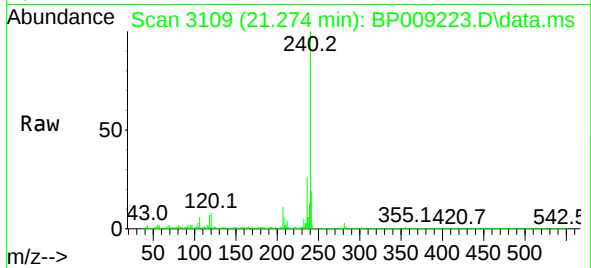




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

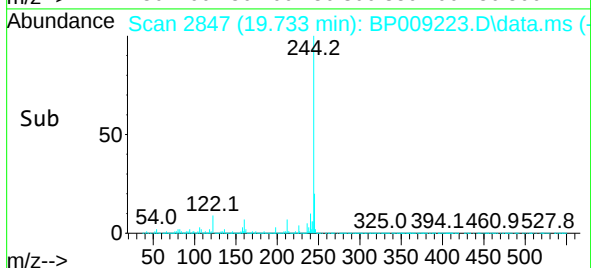
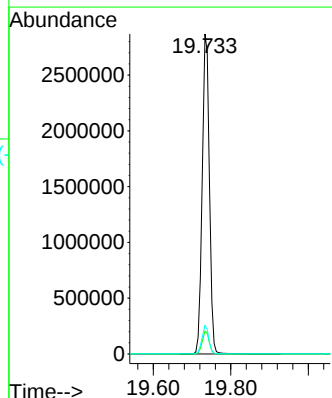
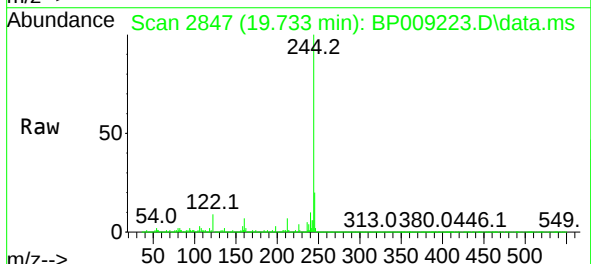
Instrument :
BNA_P
ClientSampleId :
SB-4R-S(0-0.5)

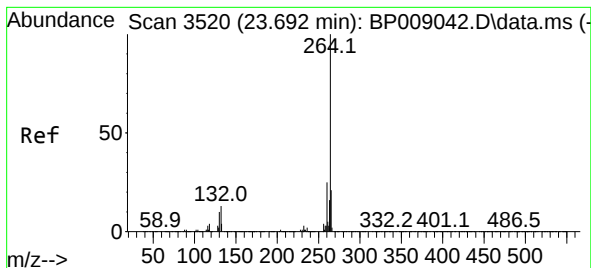
Tgt Ion:240 Resp: 1407039
Ion Ratio Lower Upper
240 100
120 8.2 7.7 11.5
236 26.3 21.2 31.8



#79
Terphenyl-d14
Concen: 47.059 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP009223.D
Acq: 18 Feb 2022 20:23

Tgt Ion:244 Resp: 3681930
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.9 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.657 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009223.D

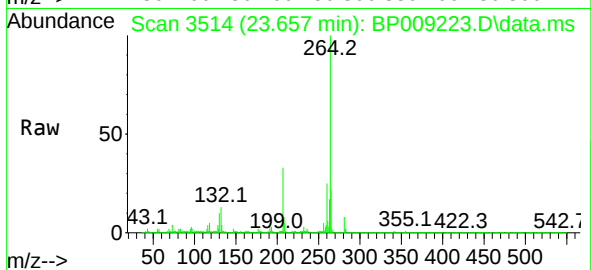
Acq: 18 Feb 2022 20:23

Instrument :

BNA_P

ClientSampleId :

SB-4R-S(0-0.5)



Tgt Ion:264 Resp: 1211850

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.1 17.1 25.7

