

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008503.D
 Acq On : 18 Dec 2021 23:11
 Operator : CG/JU
 Sample : M5115-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:55:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

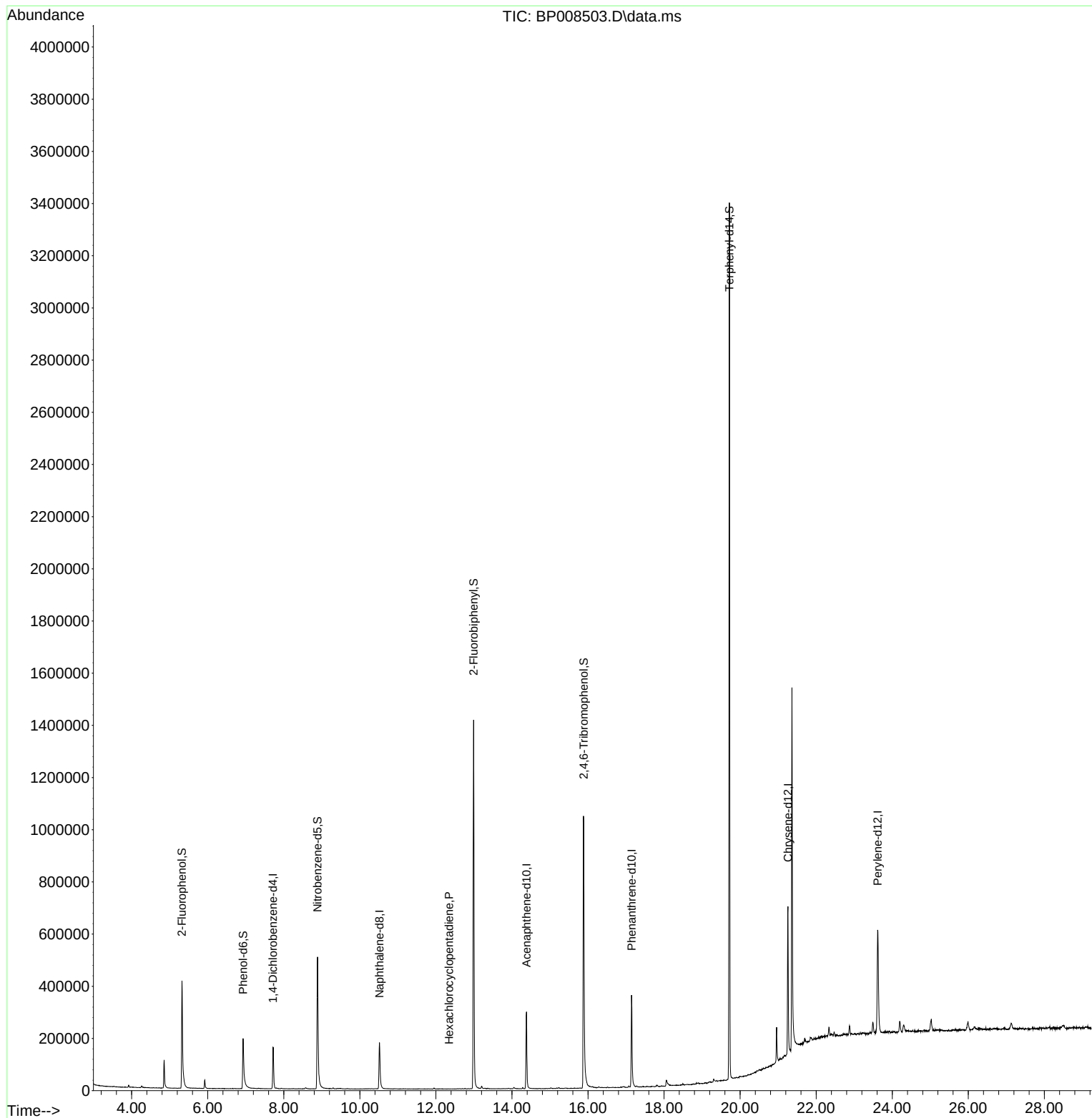
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	45478	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	166962	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	113217	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	251557	20.000	ng	0.00
76) Chrysene-d12	21.257	240	305450	20.000	ng	0.00
86) Perylene-d12	23.616	264	347789	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	200988	69.794	ng	0.00
7) Phenol-d6	6.928	99	153532	39.696	ng	0.00
23) Nitrobenzene-d5	8.887	82	367768	93.317	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	248162	149.153	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	775617	87.086	ng	-0.01
79) Terphenyl-d14	19.716	244	1533794	87.392	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	119	Below Cal	#	1
9) Benzaldehyde	6.828	77	84	Below Cal	#	29
41) Hexachlorocyclopentadiene	12.346	237	12	8.661 ng		84

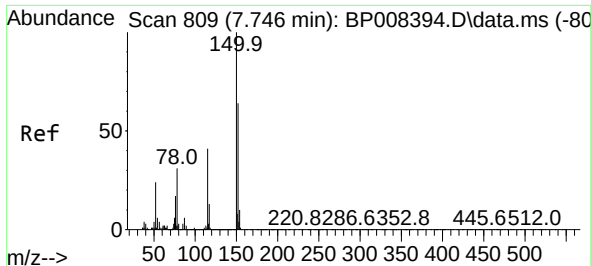
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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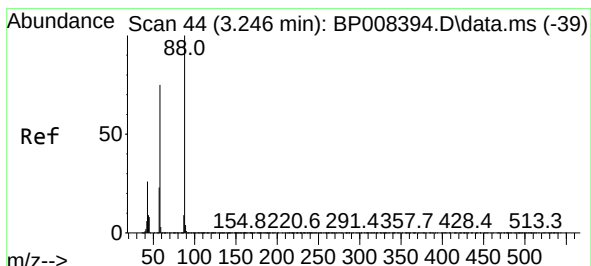
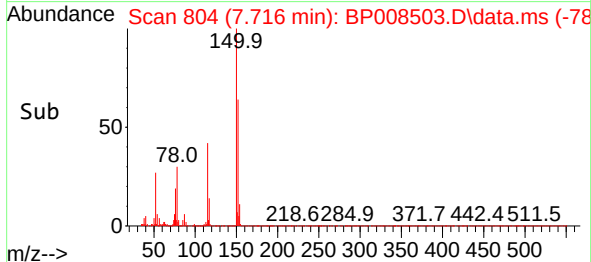
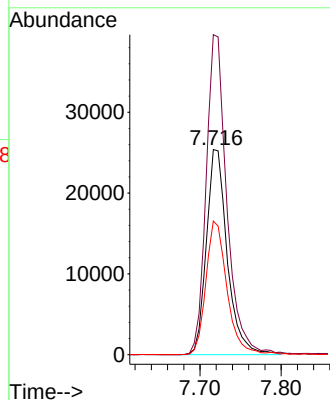
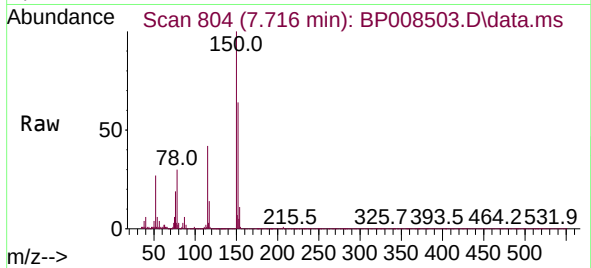




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008503.D
 Acq: 18 Dec 2021 23:11

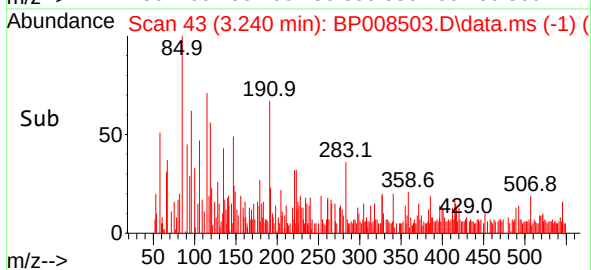
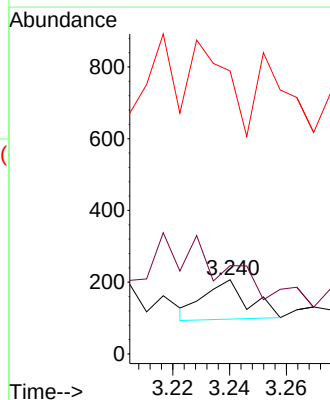
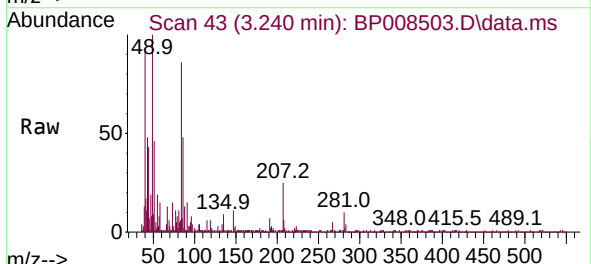
Instrument :
 BNA_P
 ClientSampleId :

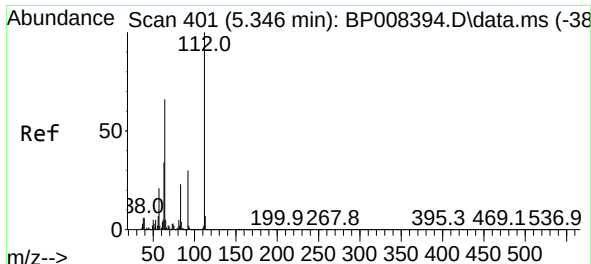
Tgt Ion:152 Resp: 45478
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.7 188.5
 115 65.2 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.240 min Scan# 43
 Delta R.T. 0.006 min
 Lab File: BP008503.D
 Acq: 18 Dec 2021 23:11

Tgt Ion: 88 Resp: 119
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 143.7 23.4 35.2#

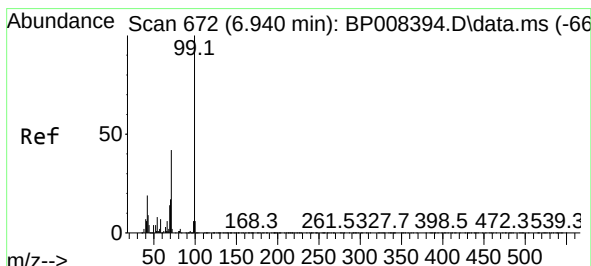
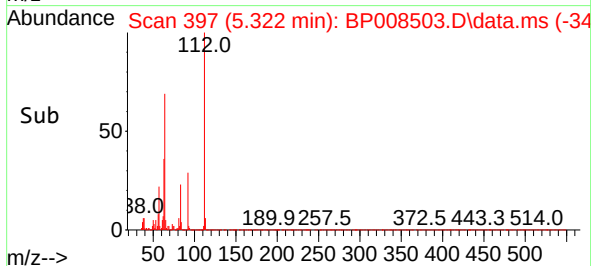
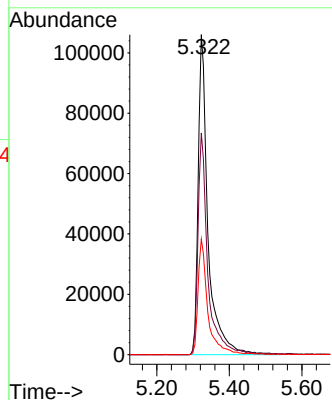
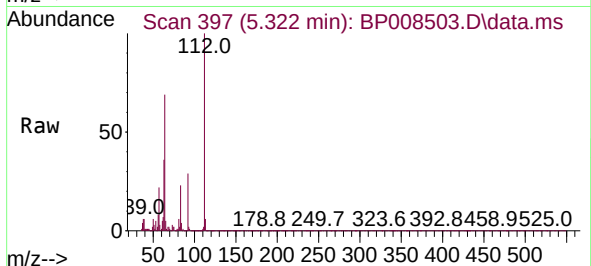




#5
2-Fluorophenol
Concen: 69.794 ng
RT: 5.322 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

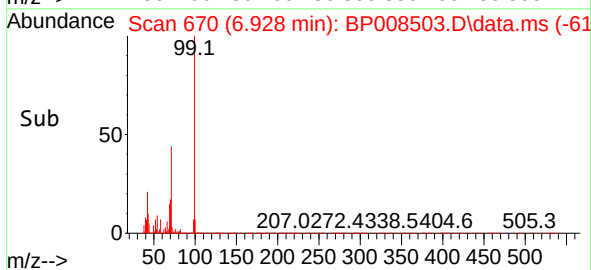
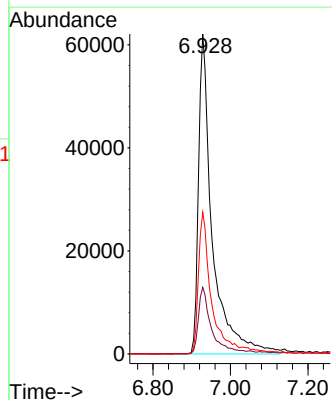
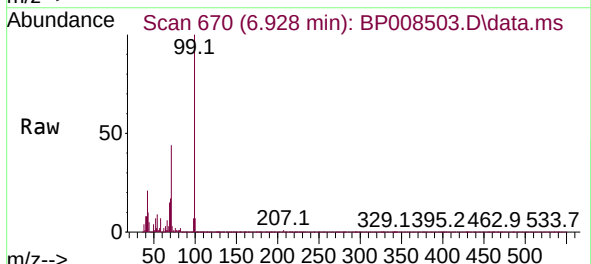
Instrument :
BNA_P
ClientSampleId :

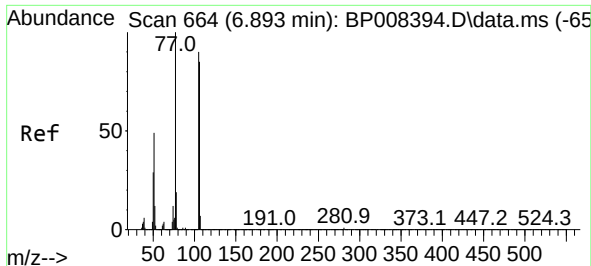
Tgt Ion:112 Resp: 200988
Ion Ratio Lower Upper
112 100
64 69.3 53.4 80.2
63 36.1 27.8 41.8



#7
Phenol-d6
Concen: 39.696 ng
RT: 6.928 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

Tgt Ion: 99 Resp: 153532
Ion Ratio Lower Upper
99 100
42 20.8 14.6 22.0
71 44.3 31.1 46.7

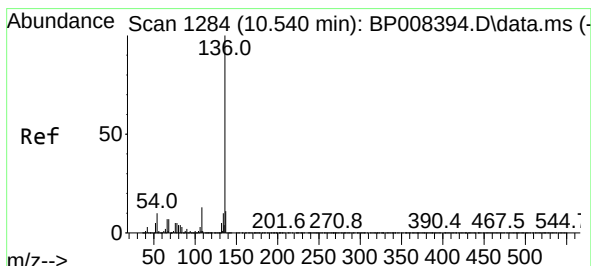
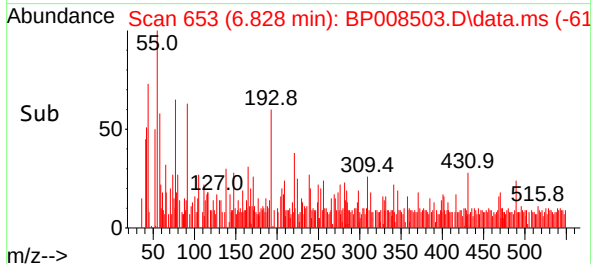
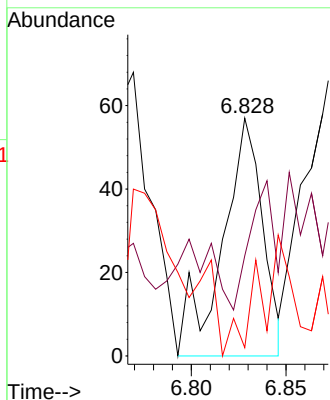
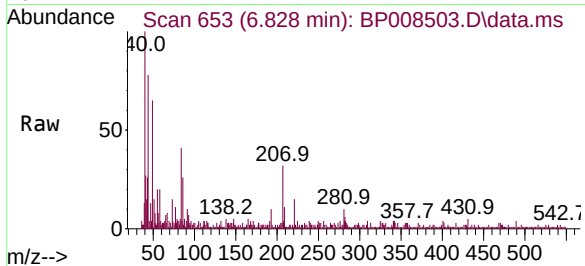




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 61
Delta R.T. -0.053 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

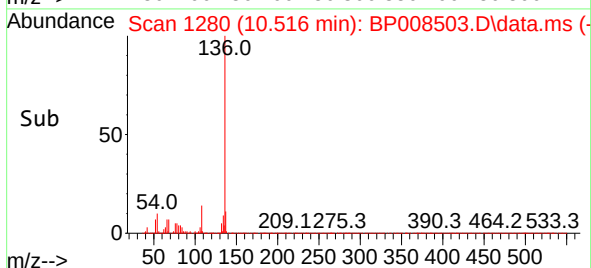
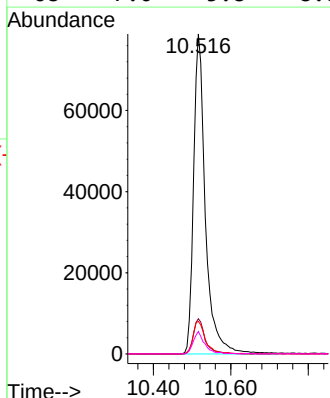
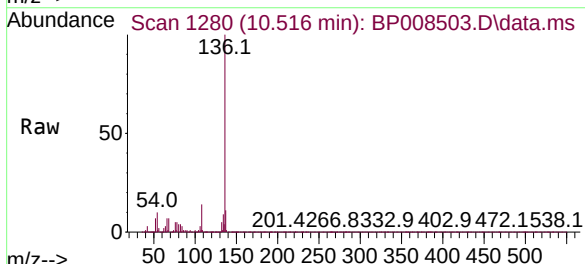
Instrument :
BNA_P
ClientSampleId :

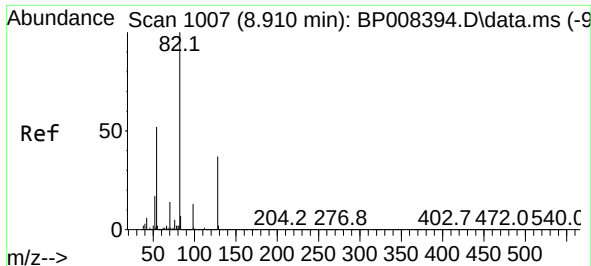
Tgt Ion: 77 Resp: 84
Ion Ratio Lower Upper
77 100
105 42.1 71.8 111.8#
106 3.5 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

Tgt Ion:136 Resp: 166962
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.2 8.2 12.4
68 7.0 5.8 8.8

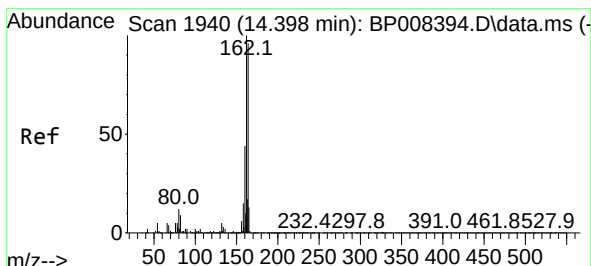
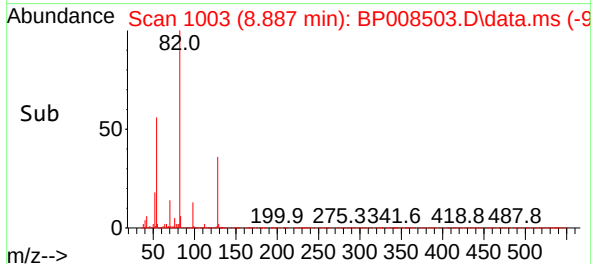
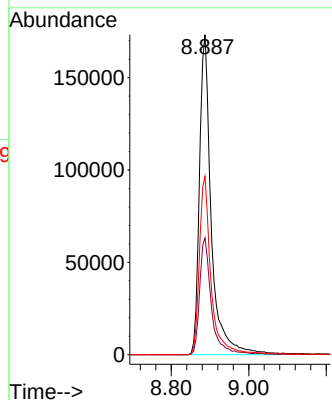
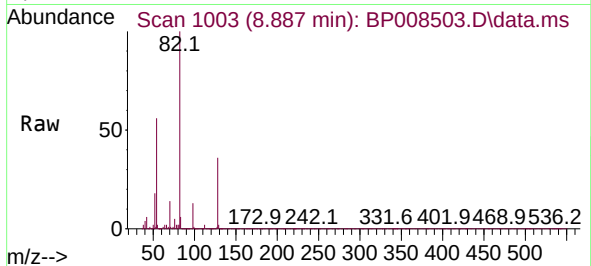




#23
Nitrobenzene-d5
Concen: 93.317 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

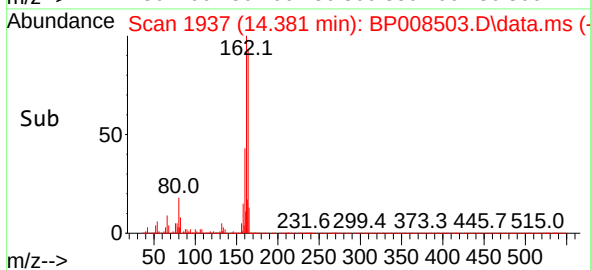
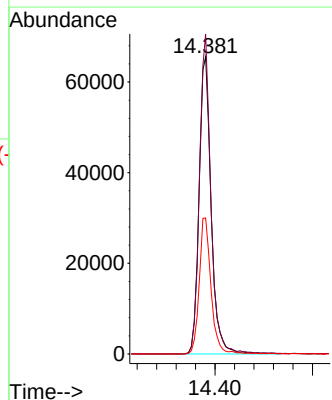
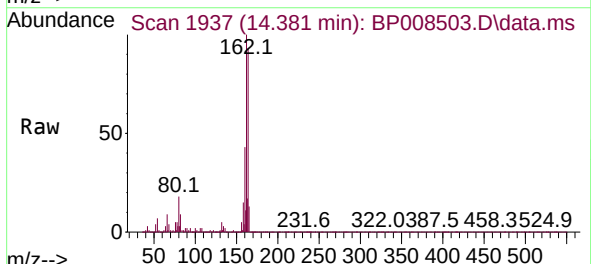
Instrument :
BNA_P
ClientSampleId :

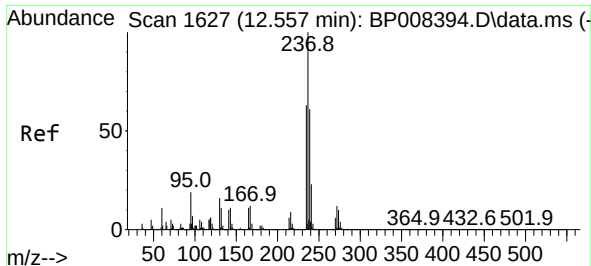
Tgt Ion: 82 Resp: 367768
Ion Ratio Lower Upper
82 100
128 36.5 29.6 44.4
54 55.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

Tgt Ion: 164 Resp: 113217
Ion Ratio Lower Upper
164 100
162 107.7 81.9 122.9
160 45.8 35.4 53.0

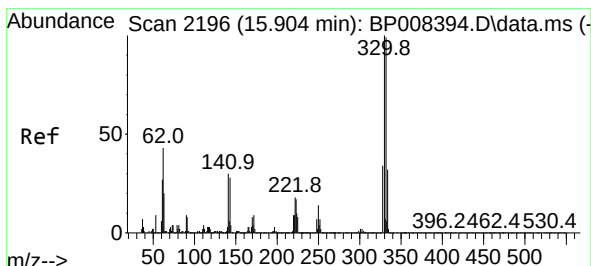
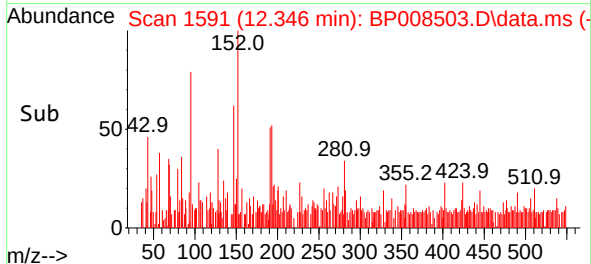
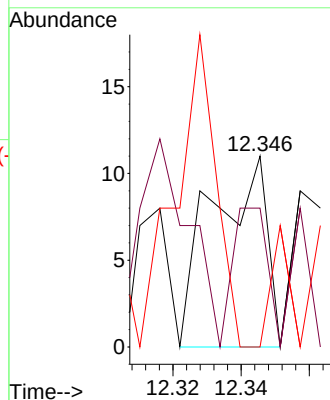
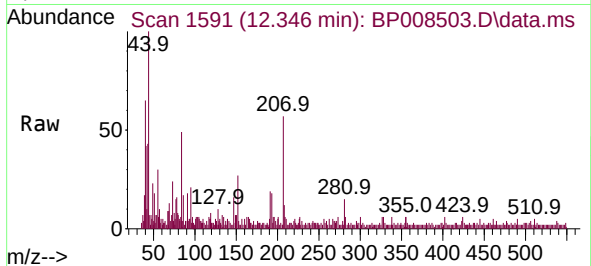




#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.346 min Scan# 11
Delta R.T. -0.194 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

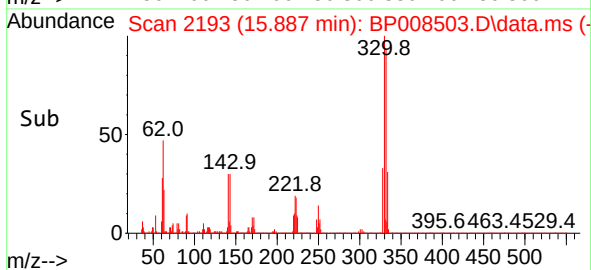
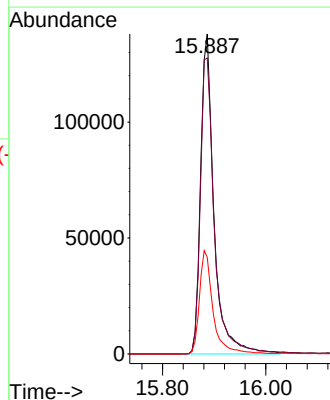
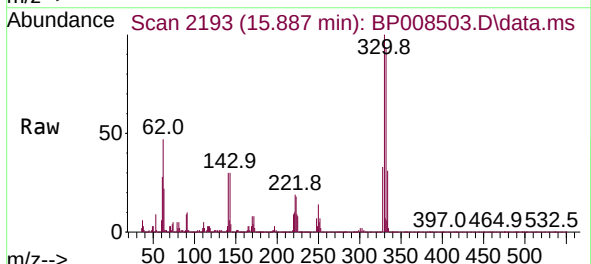
Instrument :
BNA_P
ClientSampleId :

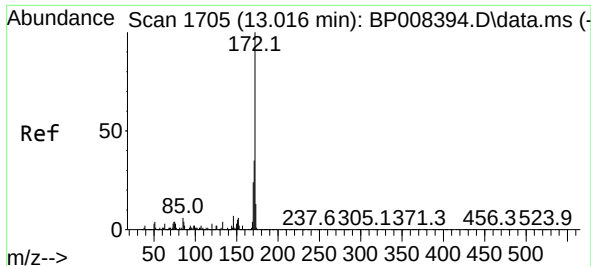
Tgt Ion:237	Resp:	12
Ion Ratio	Lower	Upper
237	100	
235	72.7	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 149.153 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

Tgt Ion:330	Resp:	248162
Ion Ratio	Lower	Upper
330	100	
332	97.5	77.0 115.4
141	32.8	28.4 42.6

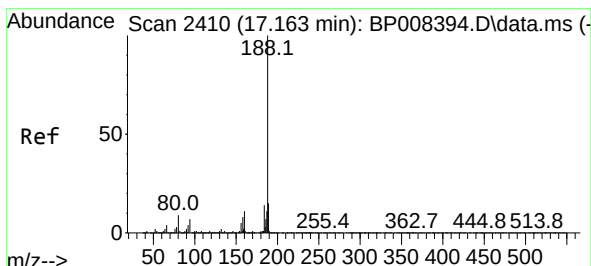
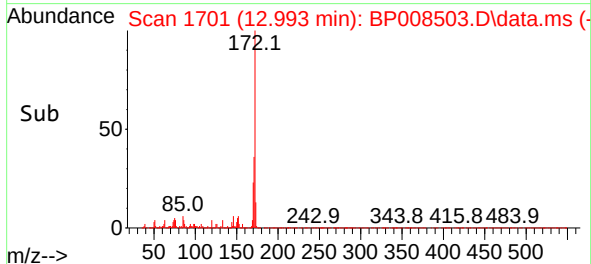
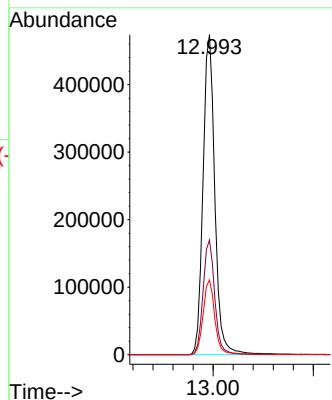
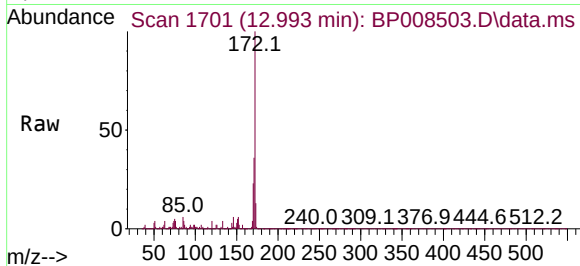




#45
2-Fluorobiphenyl
Concen: 87.086 ng
RT: 12.993 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

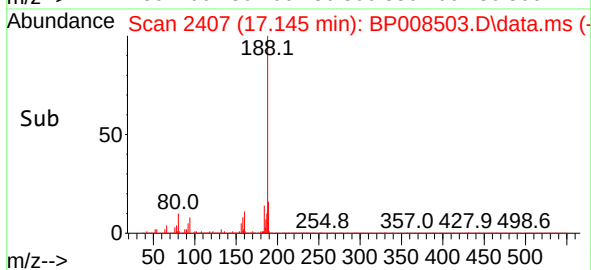
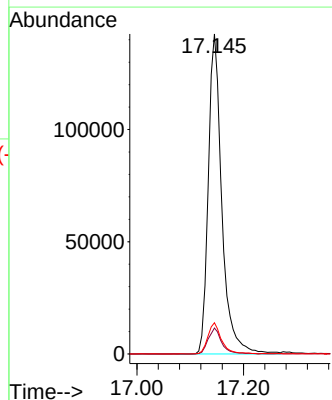
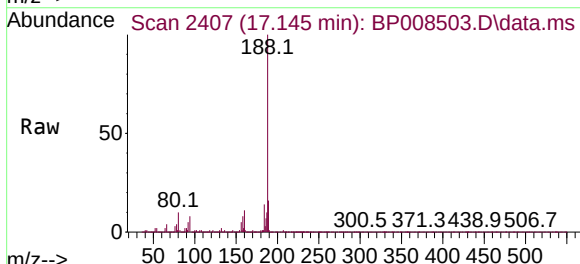
Instrument :
BNA_P
ClientSampleId :

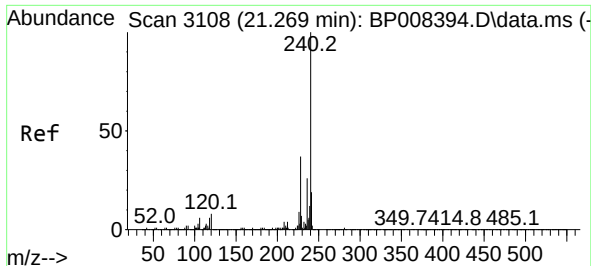
Tgt Ion:172 Resp: 775617
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

Tgt Ion:188 Resp: 251557
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.8 8.2 12.4

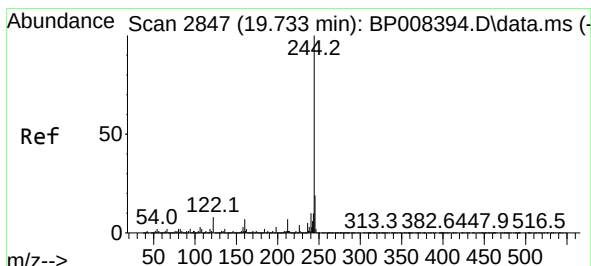
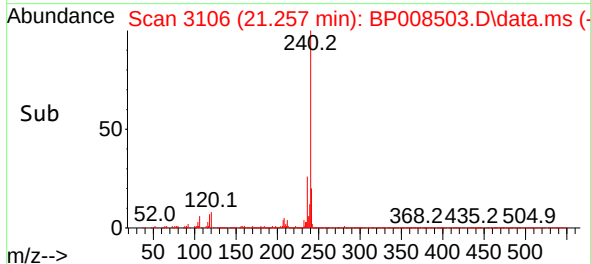
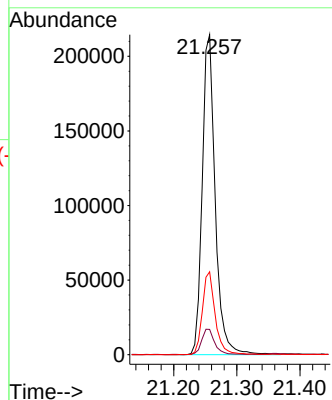
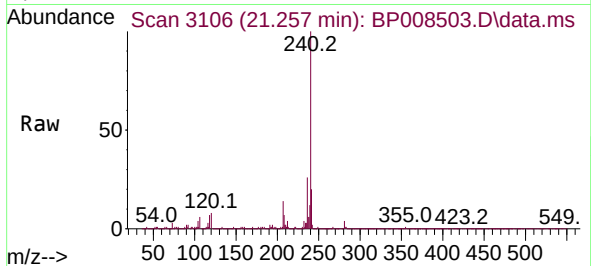




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

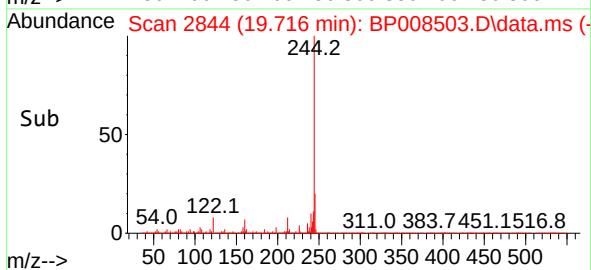
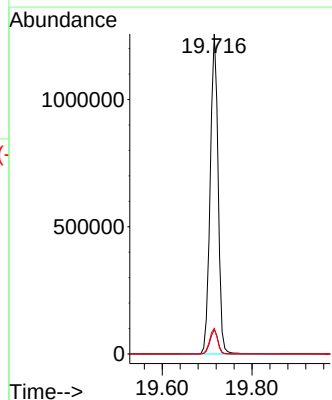
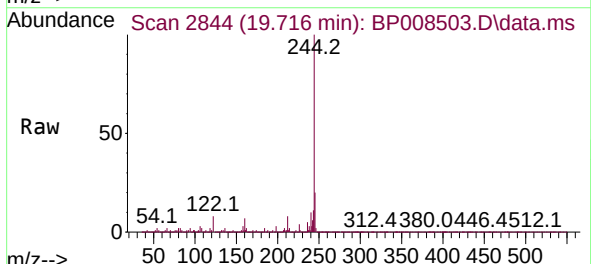
Instrument :
BNA_P
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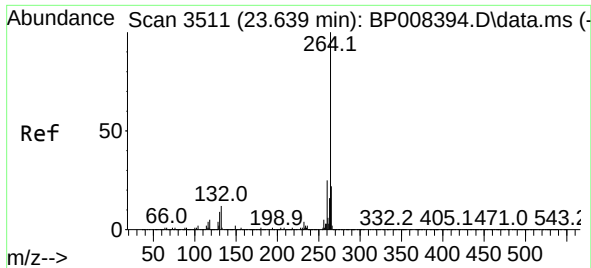
Tgt Ion:240 Resp: 305450
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 87.392 ng
RT: 19.716 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BP008503.D
Acq: 18 Dec 2021 23:11

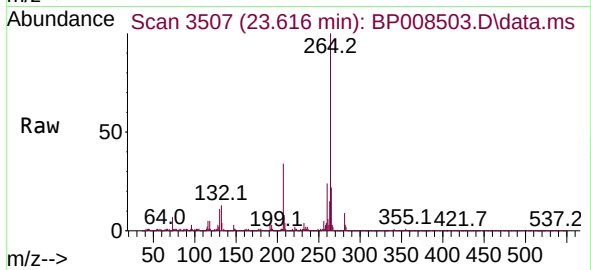
Tgt Ion:244 Resp: 1533794
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.0 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.616 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008503.D
 Acq: 18 Dec 2021 23:11

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 347789
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 22.3 17.6 26.4

