

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008468.D
 Acq On : 17 Dec 2021 13:14
 Operator : CG/JU
 Sample : PB141340BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:13:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

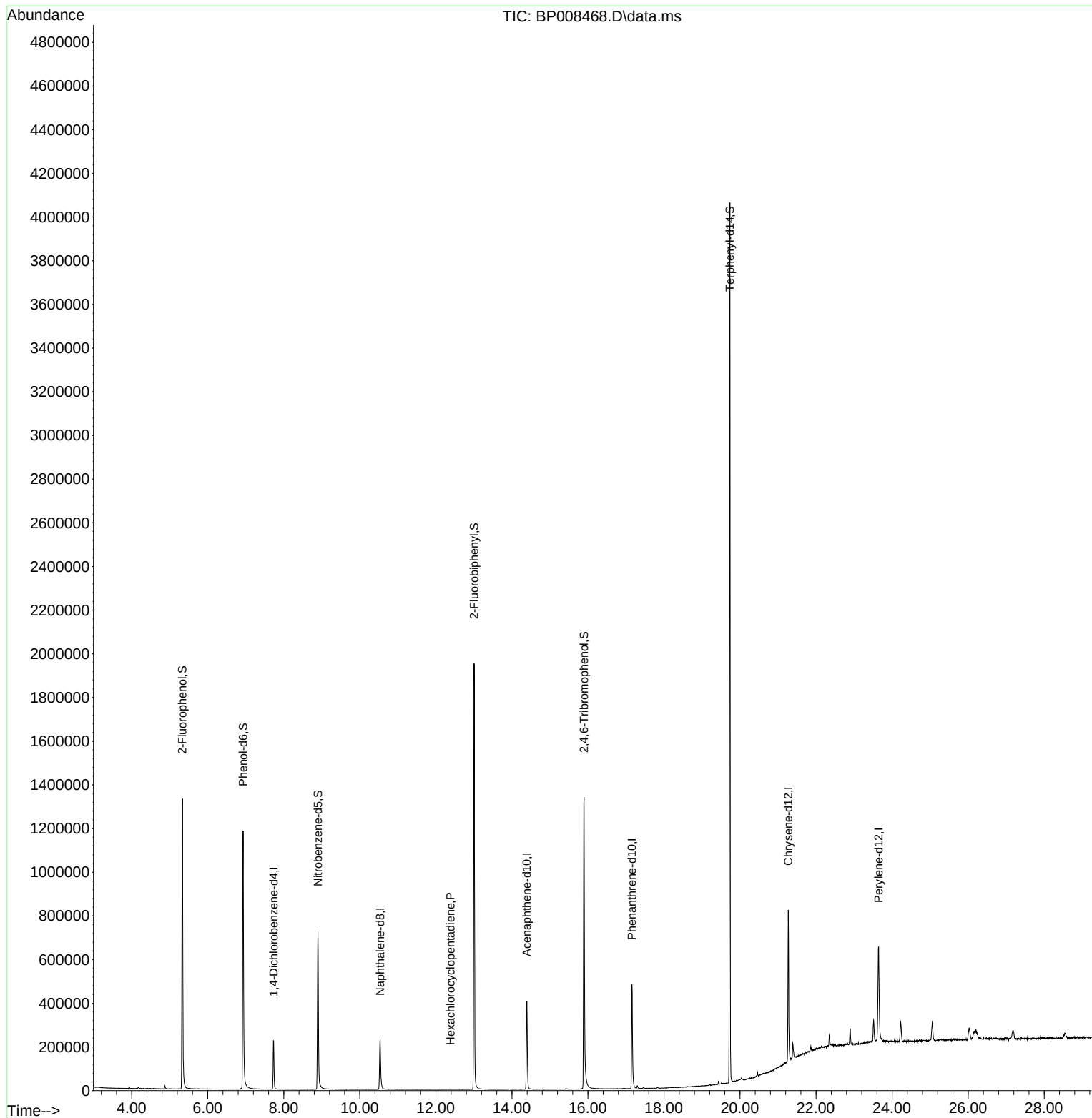
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	61350	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	223928	20.000	ng	# 0.00
39) Acenaphthene-d10	14.392	164	156717	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	353499	20.000	ng	0.00
76) Chrysene-d12	21.269	240	387656	20.000	ng	# 0.00
86) Perylene-d12	23.645	264	401088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	575625	148.174	ng	-0.01
7) Phenol-d6	6.928	99	725129	138.980	ng	-0.01
23) Nitrobenzene-d5	8.899	82	471963	89.291	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	323702	140.552	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1022735	82.958	ng	-0.01
79) Terphenyl-d14	19.733	244	1930524	86.671	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	127	Below Cal	#	37
9) Benzaldehyde	6.852	77	84	Below Cal	#	19
41) Hexachlorocyclopentadiene	12.387	237	12	8.658 ng		92

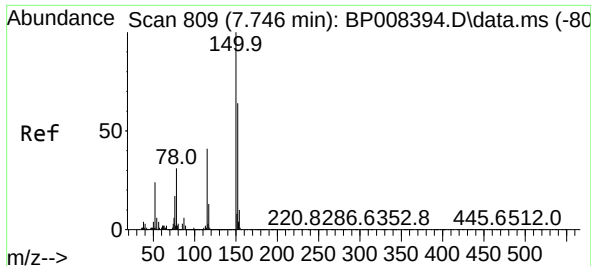
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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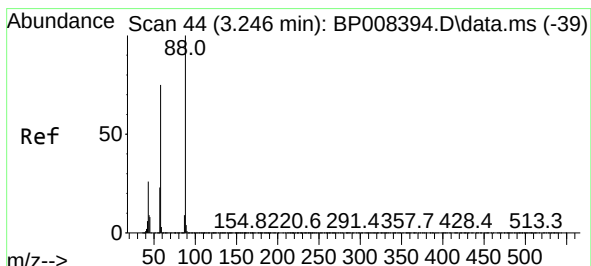
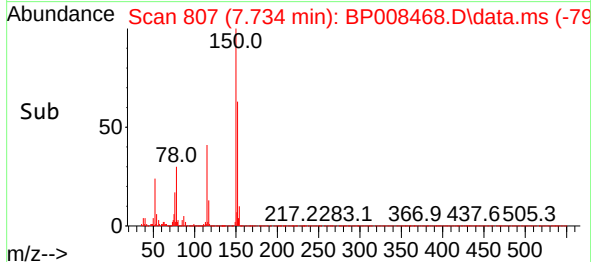
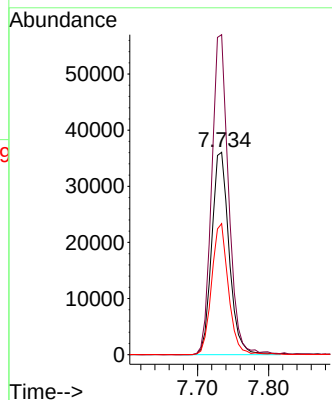
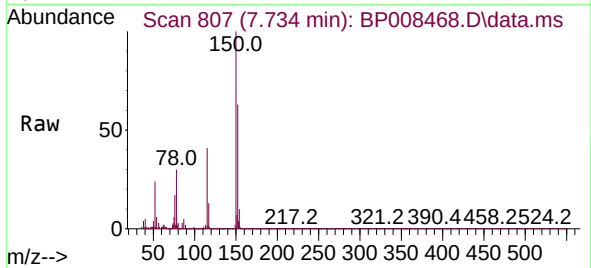




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008468.D
 Acq: 17 Dec 2021 13:14

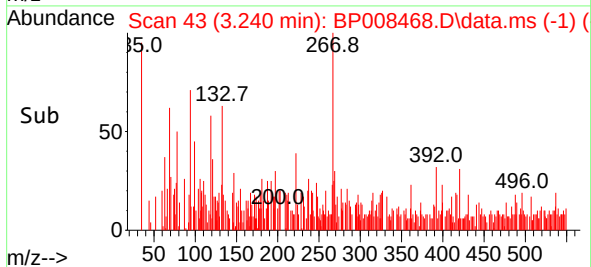
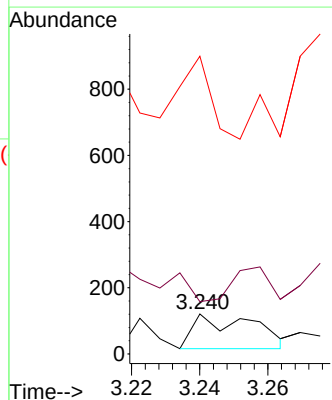
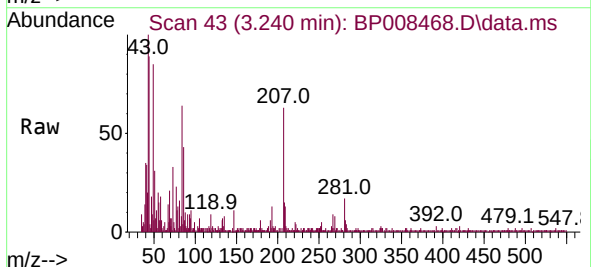
Instrument :
 BNA_P
 ClientSampleId :

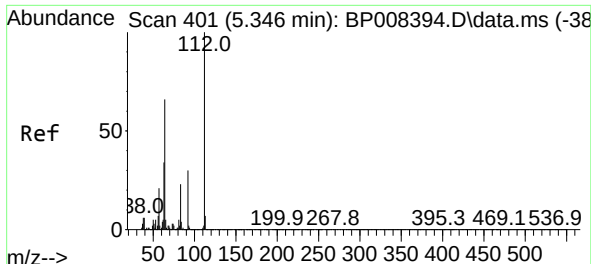
Tgt Ion:152 Resp: 61350
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.7 188.5
 115 64.7 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.240 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: BP008468.D
 Acq: 17 Dec 2021 13:14

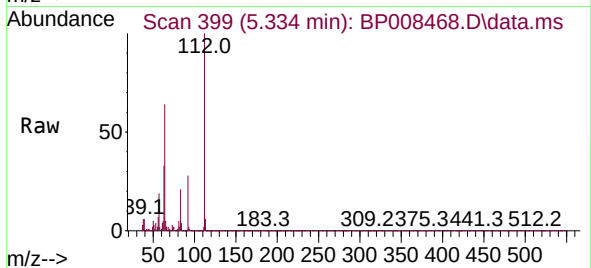
Tgt Ion: 88 Resp: 127
 Ion Ratio Lower Upper
 88 100
 58 60.6 63.5 95.3#
 43 122.8 23.4 35.2#



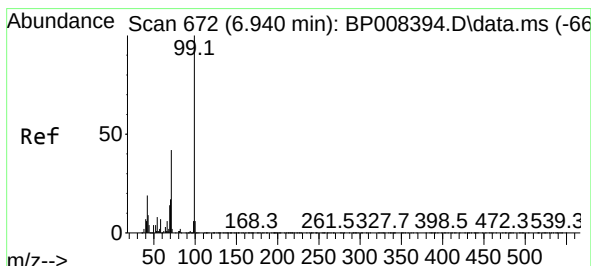
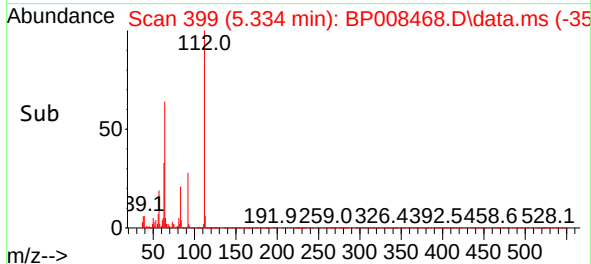
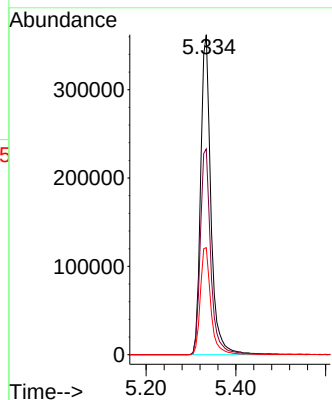


#5
2-Fluorophenol
Concen: 148.174 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Instrument :
BNA_P
ClientSampleId :

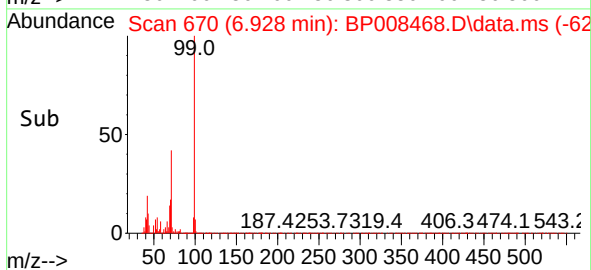
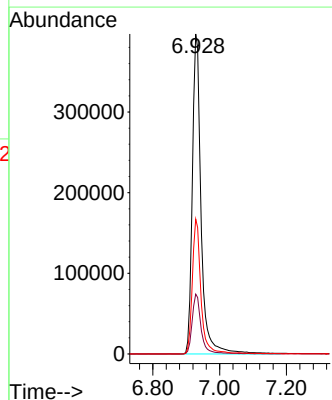
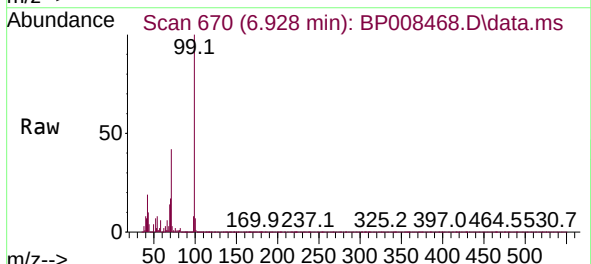


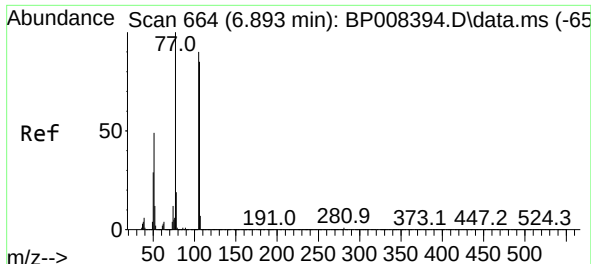
Tgt Ion:112 Resp: 575625
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 33.4 27.8 41.8



#7
Phenol-d6
Concen: 138.980 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion: 99 Resp: 725129
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 42.2 31.1 46.7

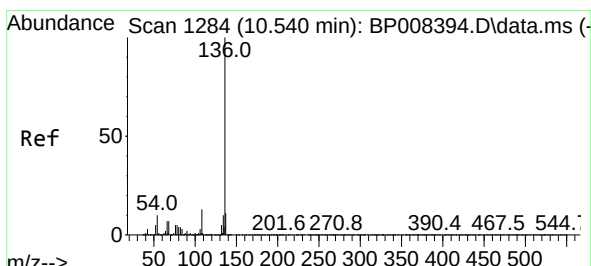
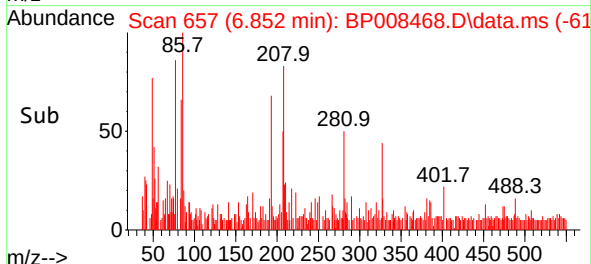
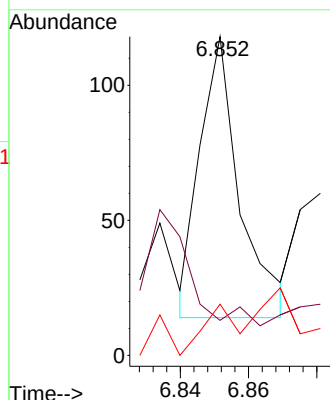
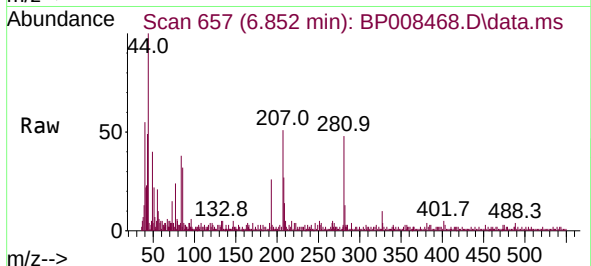




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

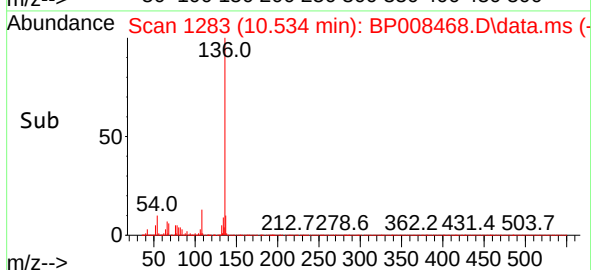
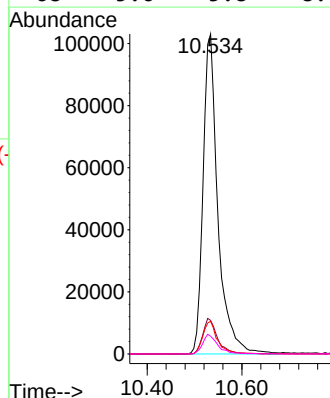
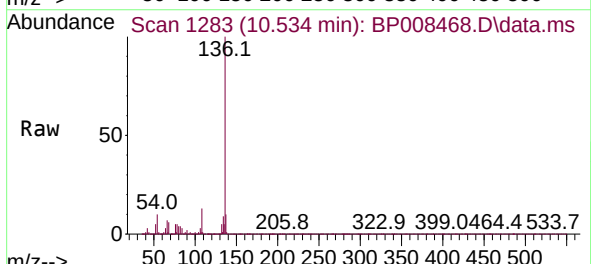
Instrument :
BNA_P
ClientSampleId :

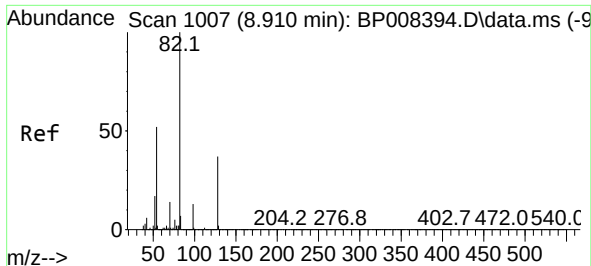
Tgt Ion: 77 Resp: 84
Ion Ratio Lower Upper
77 100
105 11.0 71.8 111.8#
106 16.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

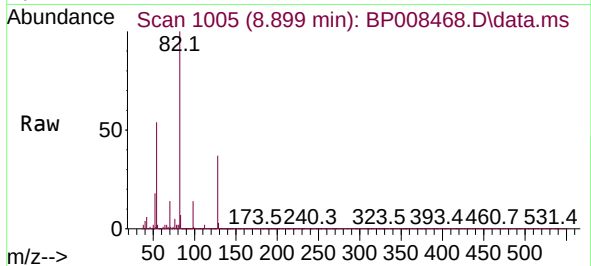
Tgt Ion:136 Resp: 223928
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 10.2 8.2 12.4
68 5.6 5.8 8.8#



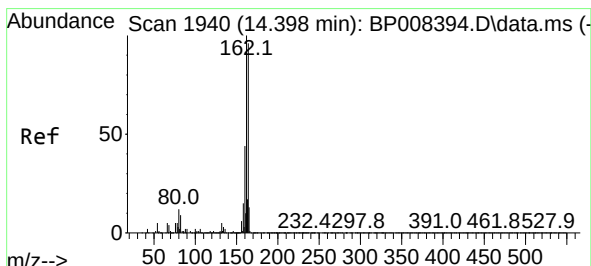
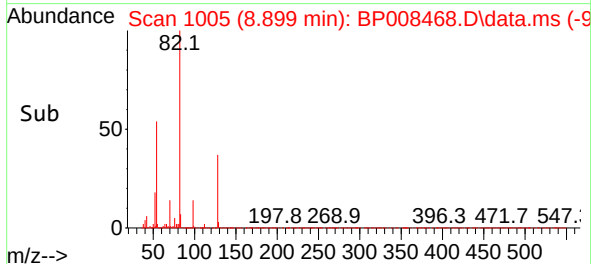
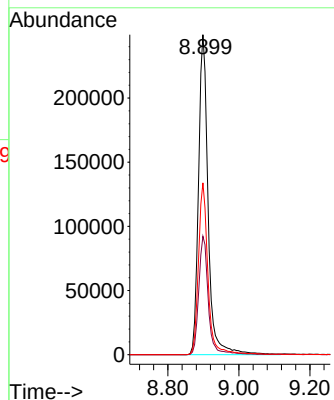


#23
Nitrobenzene-d5
Concen: 89.291 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Instrument :
BNA_P
ClientSampleId :

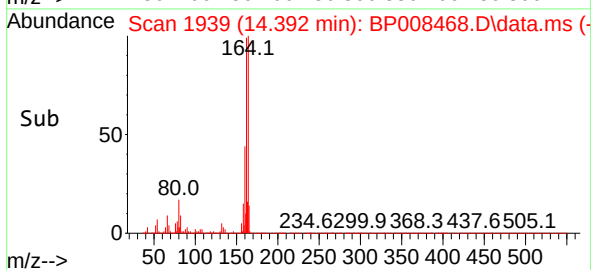
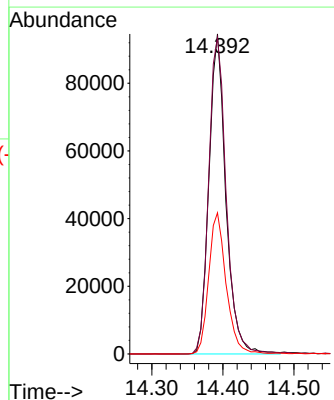
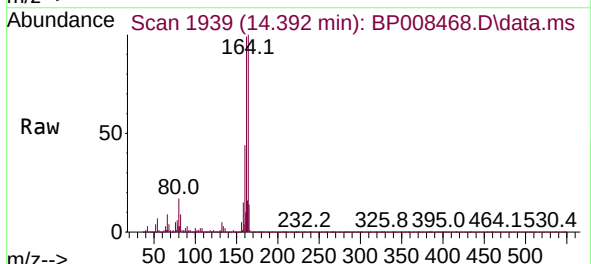


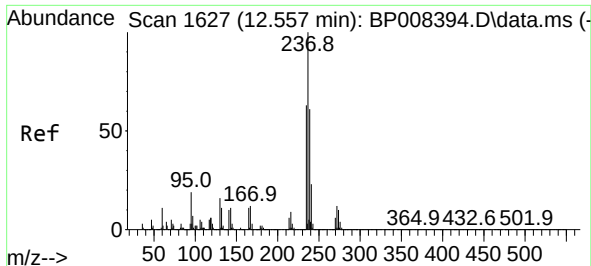
Tgt Ion: 82 Resp: 471963
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 53.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion:164 Resp: 156717
Ion Ratio Lower Upper
164 100
162 98.9 81.9 122.9
160 44.1 35.4 53.0

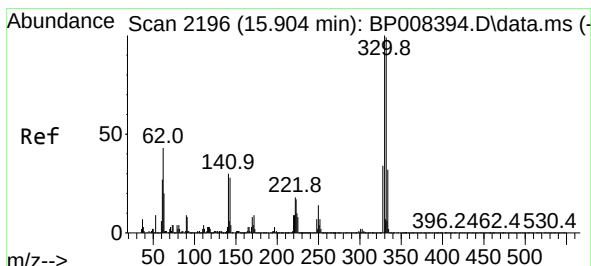
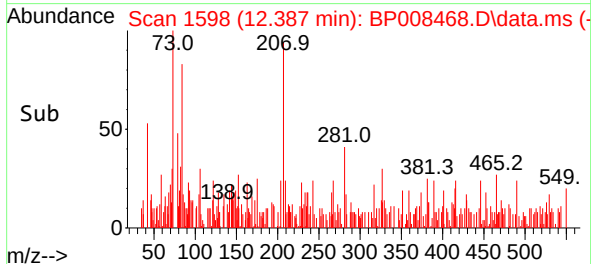
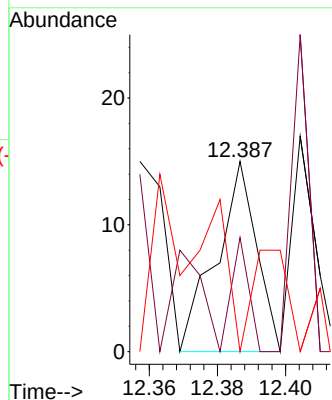
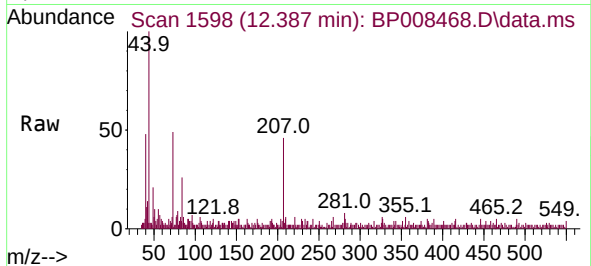




#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.387 min Scan# 11
Delta R.T. -0.170 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

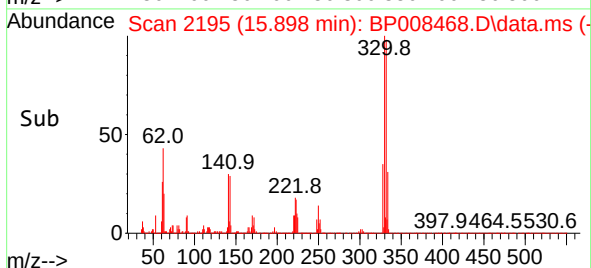
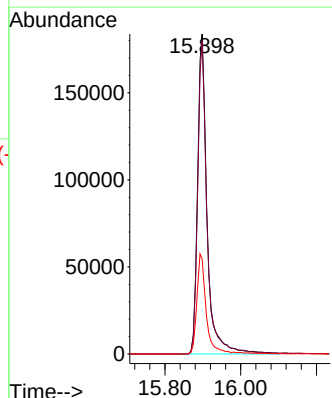
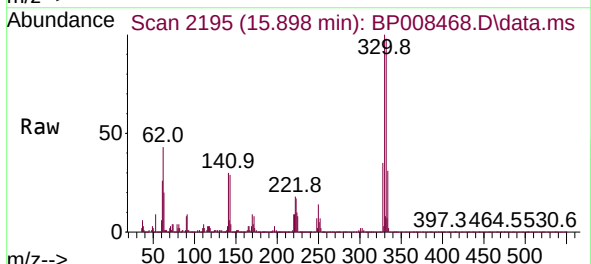
Instrument :
BNA_P
ClientSampleId :

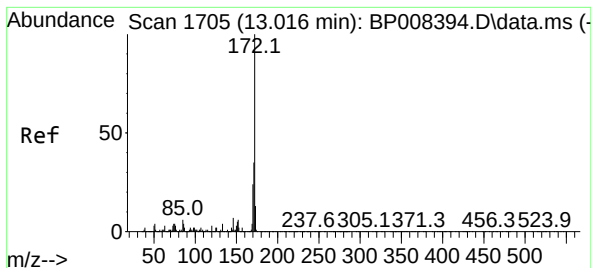
Tgt Ion:237	Resp:	12
Ion Ratio	Lower	Upper
237	100	
235	60.0	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 140.552 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion:330	Resp:	323702
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.0 115.4
141	31.0	28.4 42.6





#45

2-Fluorobiphenyl

Concen: 82.958 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008468.D

Acq: 17 Dec 2021 13:14

Instrument :

BNA_P

ClientSampleId :

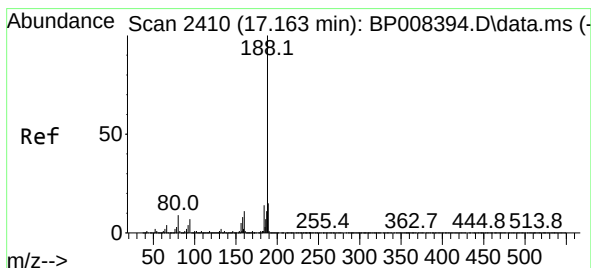
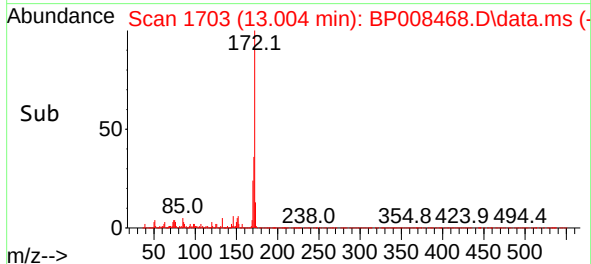
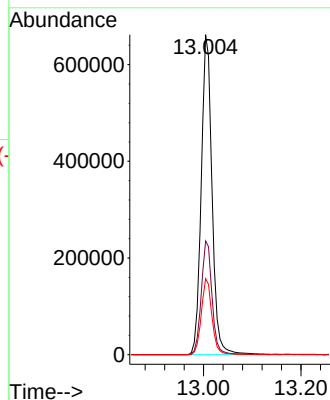
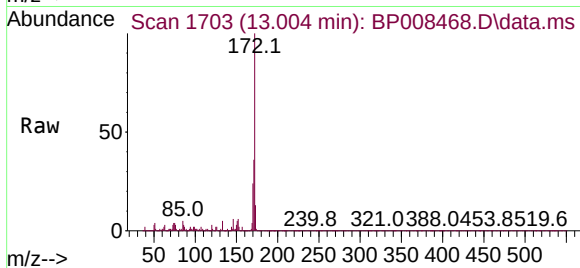
Tgt Ion:172 Resp: 1022735

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.8 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP008468.D

Acq: 17 Dec 2021 13:14

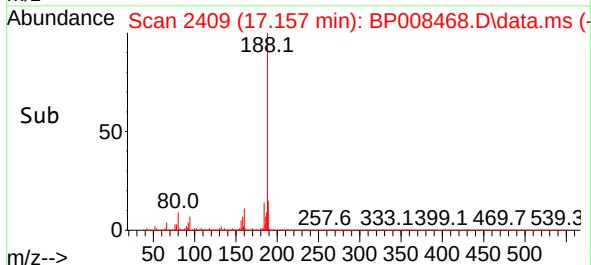
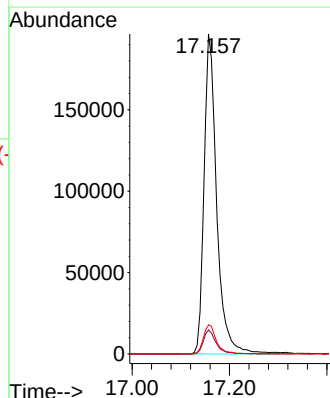
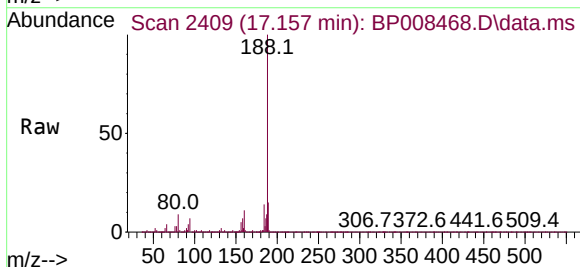
Tgt Ion:188 Resp: 353499

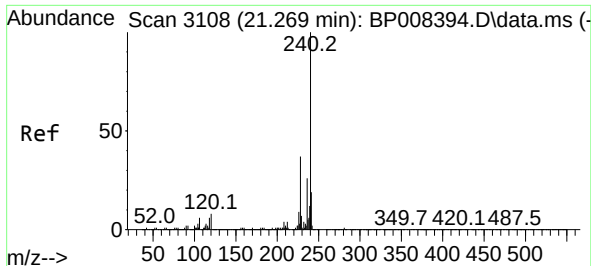
Ion Ratio Lower Upper

188 100

94 7.5 7.2 10.8

80 9.1 8.2 12.4

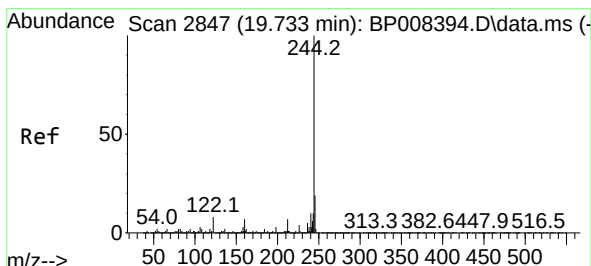
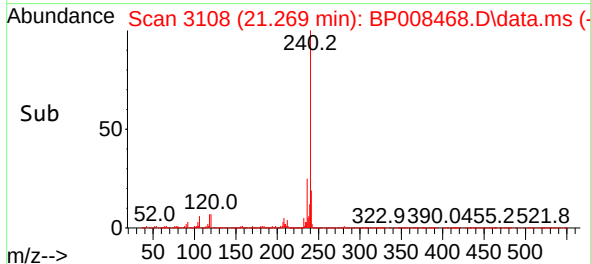
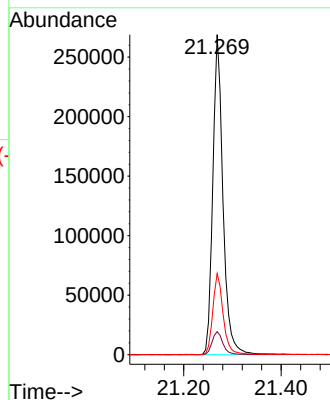
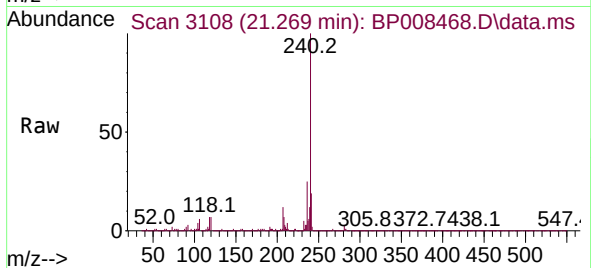




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

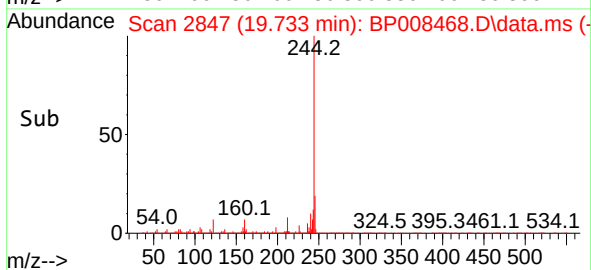
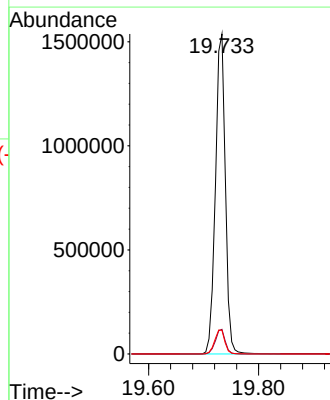
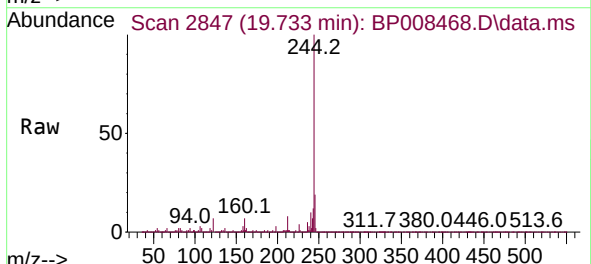
Instrument :
BNA_P
ClientSampleId :

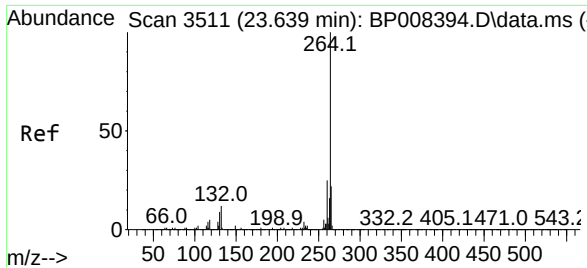
Tgt Ion:240 Resp: 387656
Ion Ratio Lower Upper
240 100
120 7.2 7.3 10.9#
236 25.4 21.4 32.2



#79
Terphenyl-d14
Concen: 86.671 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Tgt Ion:244 Resp: 1930524
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.4 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.645 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008468.D
Acq: 17 Dec 2021 13:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 401088
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.9 17.6 26.4

