

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008480.D
 Acq On : 17 Dec 2021 20:09
 Operator : CG/JU
 Sample : M5039-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:17:16 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)

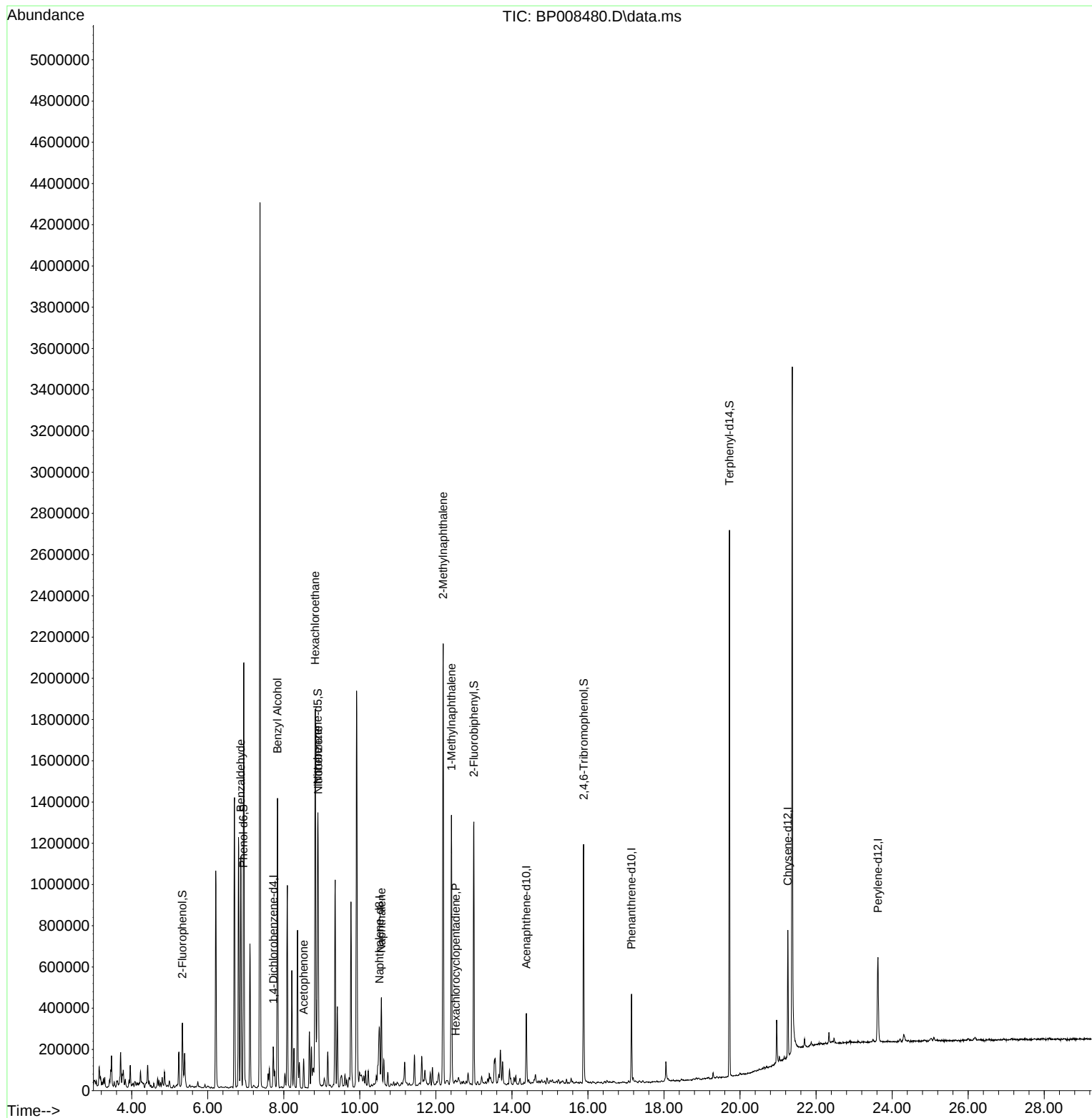
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	48917	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	179690	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	117159	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	256398	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	300140	20.000	ng	-0.01
86) Perylene-d12	23.627	264	338827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	144967	46.801	ng	-0.01
7) Phenol-d6	6.934	99	124654	29.964	ng	0.00
23) Nitrobenzene-d5	8.893	82	286773	67.611	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	229001	133.005	ng	-0.02
45) 2-Fluorobiphenyl	12.998	172	646443	70.140	ng	-0.02
79) Terphenyl-d14	19.722	244	1212016	70.280	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	50	Below Cal	#	1
9) Benzaldehyde	6.869	77	83175	35.388	ng	# 1
15) Benzyl Alcohol	7.834	79	80291	23.993	ng	# 14
18) Hexachloroethane	8.828	117	189450	137.446	ng	# 1
22) Acetophenone	8.522	105	91357	17.288	ng	# 57
24) Nitrobenzene	8.904	77	33492	8.413	ng	# 1
31) Naphthalene	10.569	128	204227	21.673	ng	# 97
37) 2-Methylnaphthalene	12.193	142	968308	149.095	ng	98
38) 1-Methylnaphthalene	12.410	142	556650	88.037	ng	99
41) Hexachlorocyclopentadiene	12.522	237	9	8.658	ng	79

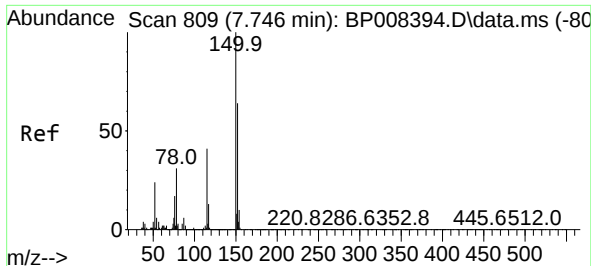
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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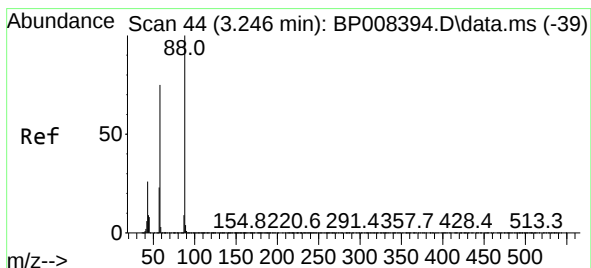
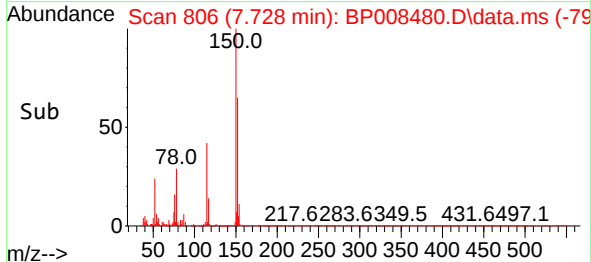
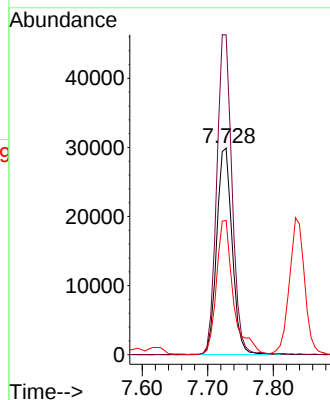
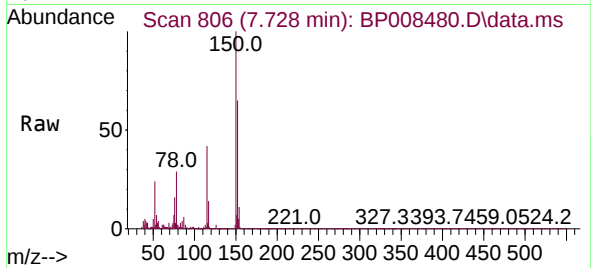




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP008480.D
 Acq: 17 Dec 2021 20:09

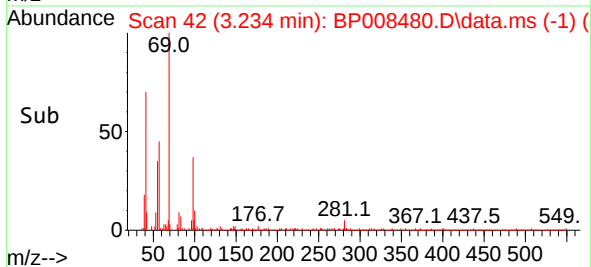
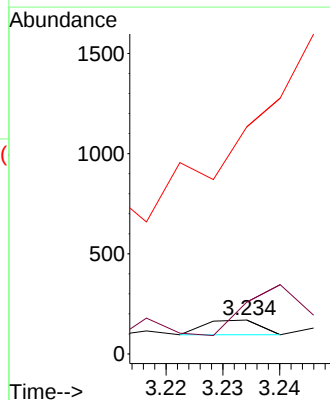
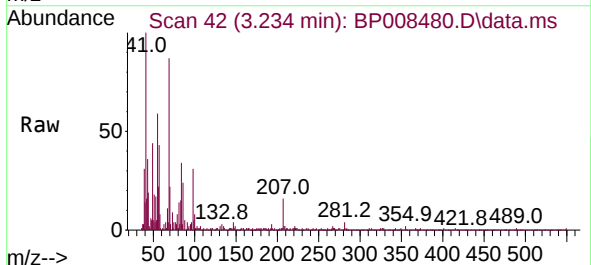
Instrument :
 BNA_P
 ClientSampleId :

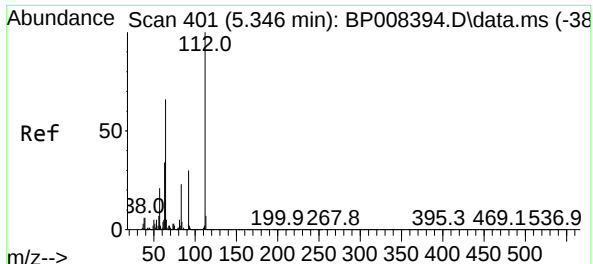
Tgt Ion:152 Resp: 48917
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.7 188.5
 115 65.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.234 min Scan# 42
 Delta R.T. -0.012 min
 Lab File: BP008480.D
 Acq: 17 Dec 2021 20:09

Tgt Ion: 88 Resp: 50
 Ion Ratio Lower Upper
 88 100
 58 646.0 63.5 95.3#
 43 0.0 23.4 35.2#

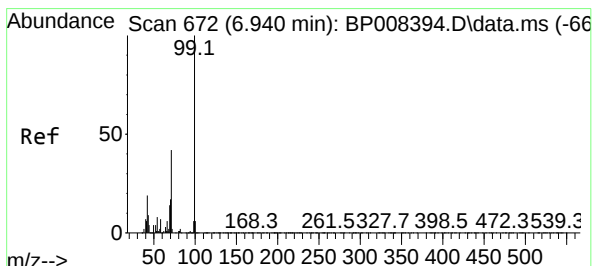
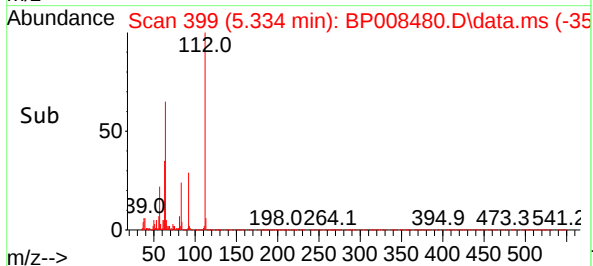
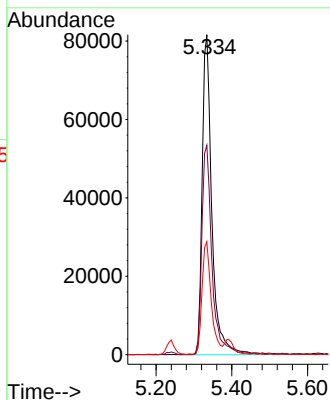
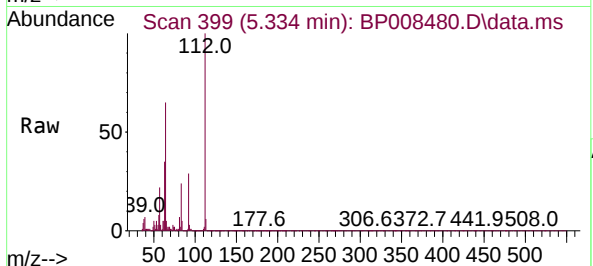




#5
2-Fluorophenol
Concen: 46.801 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

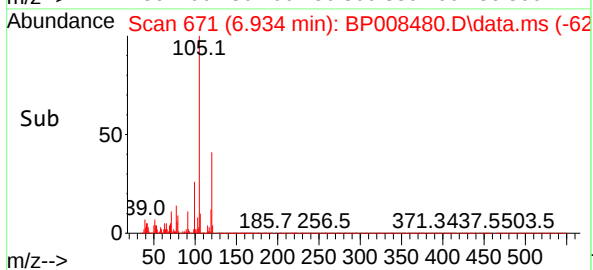
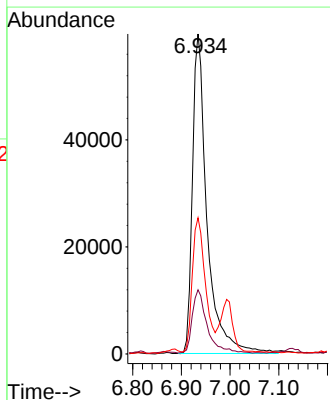
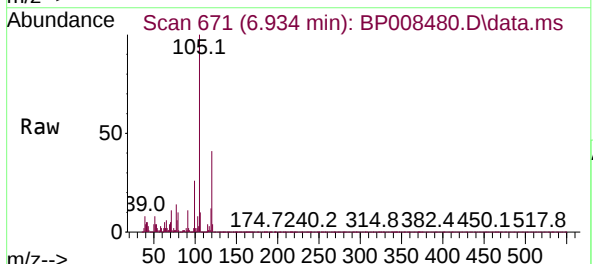
Instrument :
BNA_P
ClientSampleId :

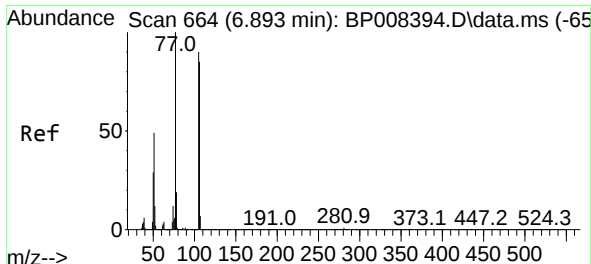
Tgt Ion:112 Resp: 144967
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 35.3 27.8 41.8



#7
Phenol-d6
Concen: 29.964 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Tgt Ion: 99 Resp: 124654
Ion Ratio Lower Upper
99 100
42 20.1 14.6 22.0
71 42.5 31.1 46.7

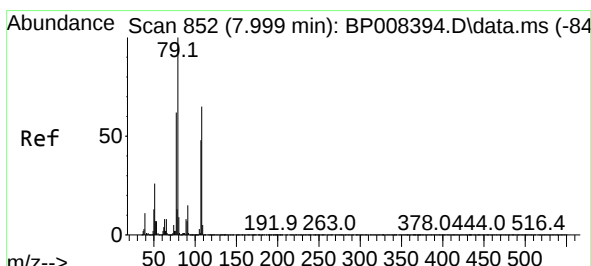
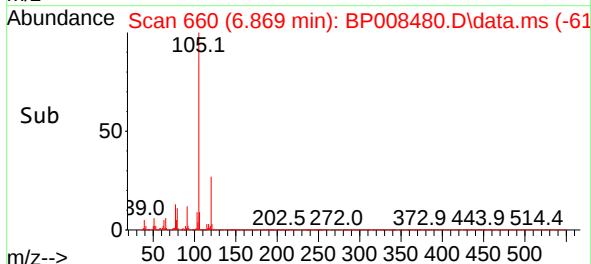
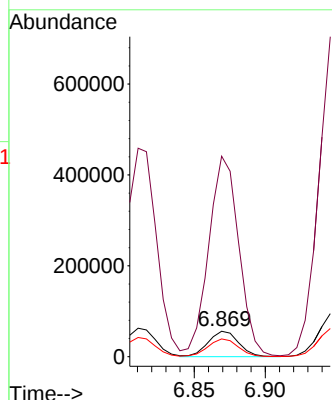
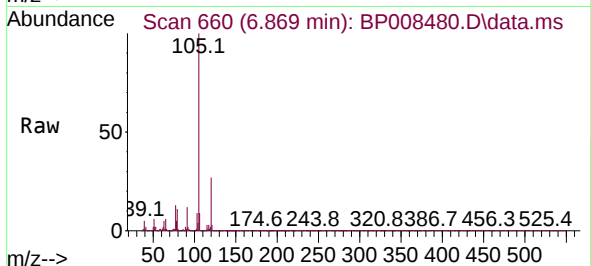




#9
Benzaldehyde
Concen: 35.388 ng
RT: 6.869 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

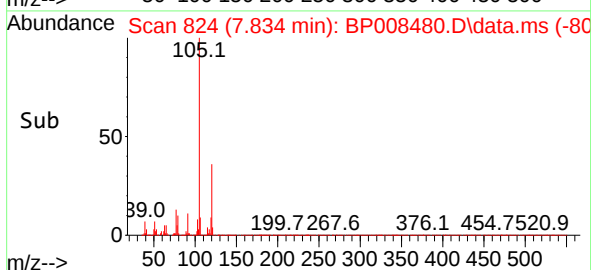
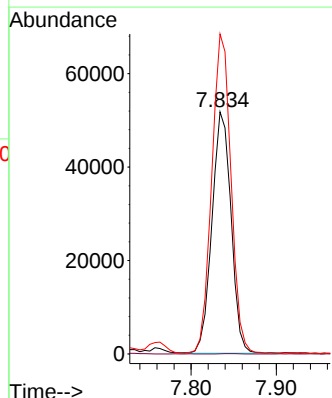
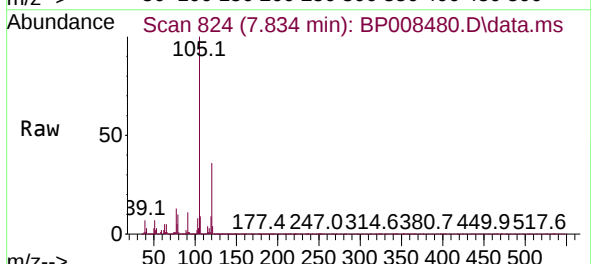
Instrument :
BNA_P
ClientSampleId :

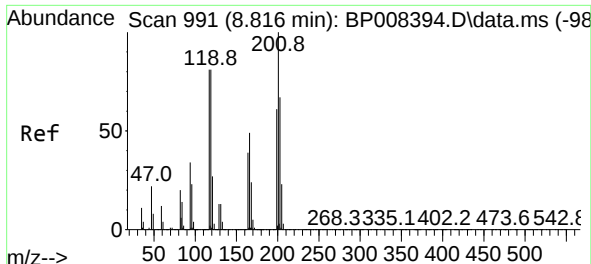
Tgt Ion: 77 Resp: 83175
Ion Ratio Lower Upper
77 100
105 785.4 71.8 111.8#
106 69.6 67.3 107.3



#15
Benzyl Alcohol
Concen: 23.993 ng
RT: 7.834 min Scan# 824
Delta R.T. -0.165 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

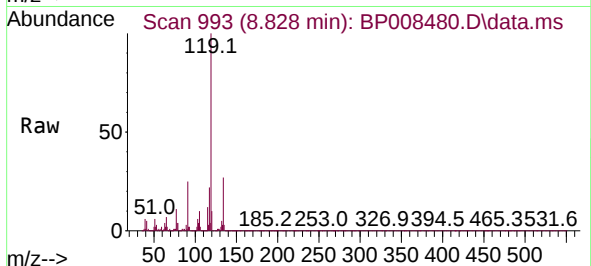
Tgt Ion: 79 Resp: 80291
Ion Ratio Lower Upper
79 100
108 0.0 55.5 83.3#
77 132.2 51.0 76.6#



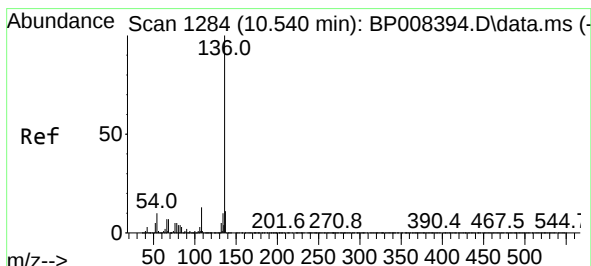
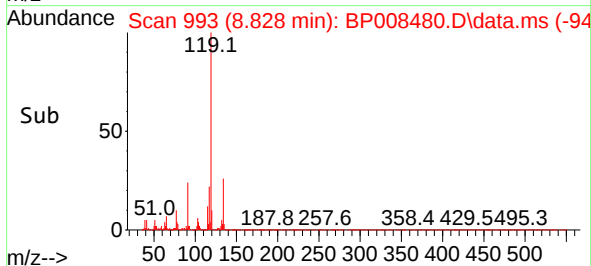
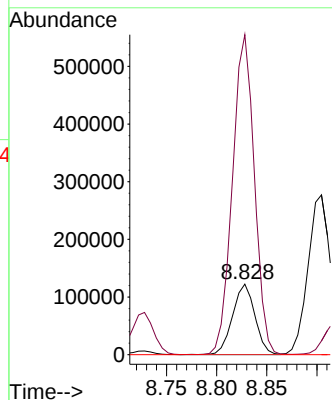


#18
Hexachloroethane
Concen: 137.446 ng
RT: 8.828 min Scan# 991
Delta R.T. 0.012 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Instrument :
BNA_P
ClientSampleId :

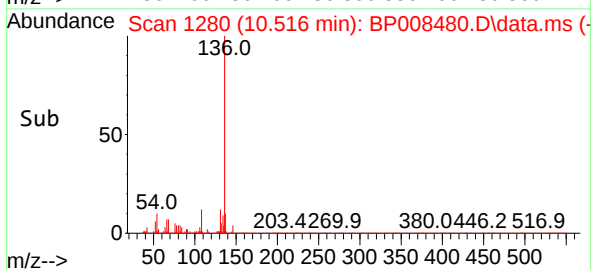
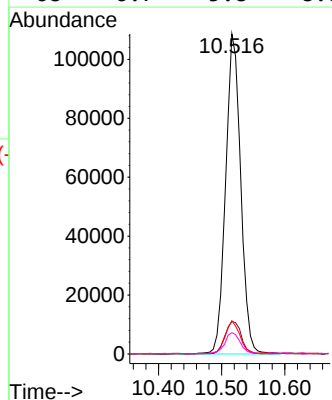
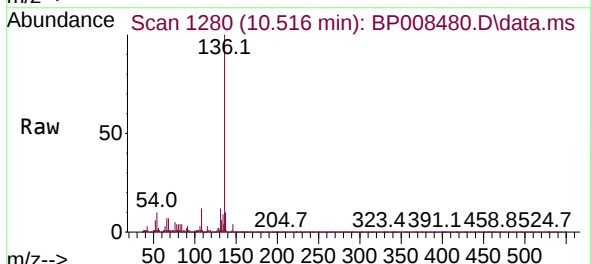


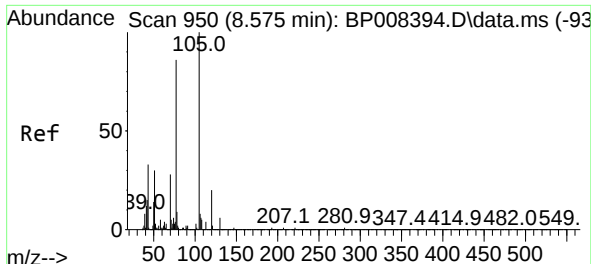
Tgt Ion:117 Resp: 189450
Ion Ratio Lower Upper
117 100
119 452.9 74.7 112.1#
201 0.0 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.024 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

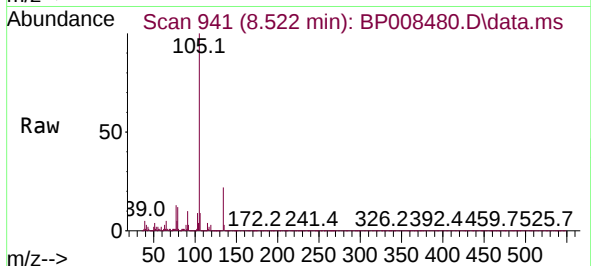
Tgt Ion:136 Resp: 179690
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.6
54 10.4 8.2 12.4
68 6.7 5.8 8.8



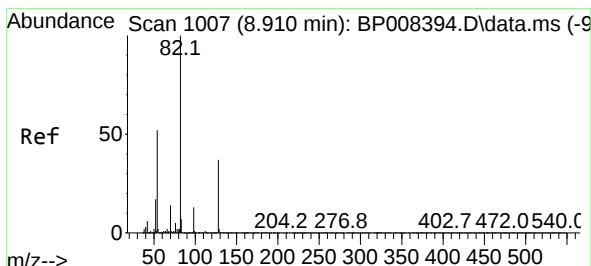
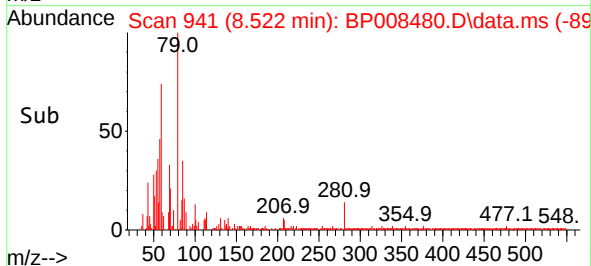
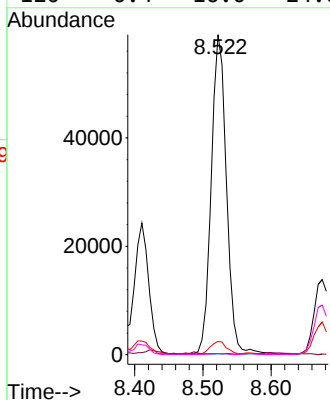


#22
Acetophenone
Concen: 17.288 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.053 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Instrument :
BNA_P
ClientSampleId :

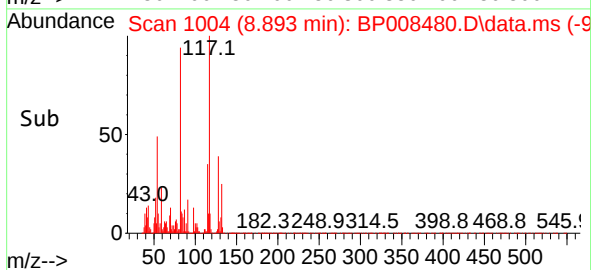
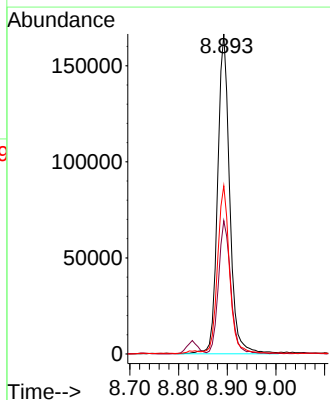
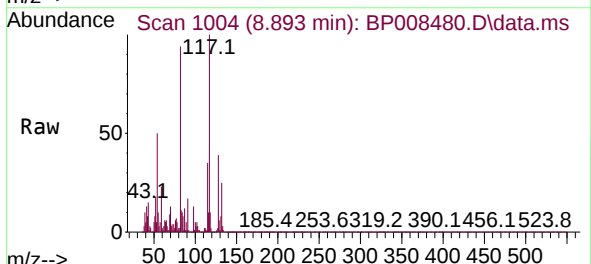


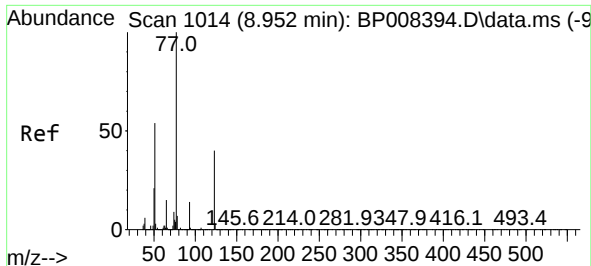
Tgt Ion:	105	Resp:	91357
Ion Ratio	Lower	Upper	
105	100		
71	0.4	4.0	6.0#
51	4.2	23.8	35.6#
120	0.4	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 67.611 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Tgt Ion:	82	Resp:	286773
Ion Ratio	Lower	Upper	
82	100		
128	41.7	29.6	44.4
54	52.6	42.7	64.1

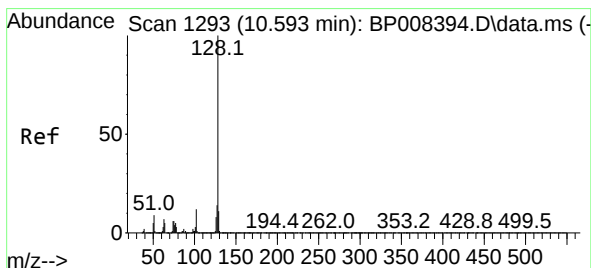
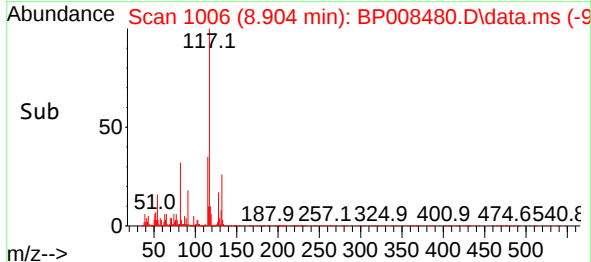
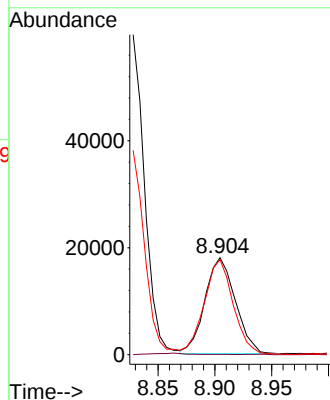
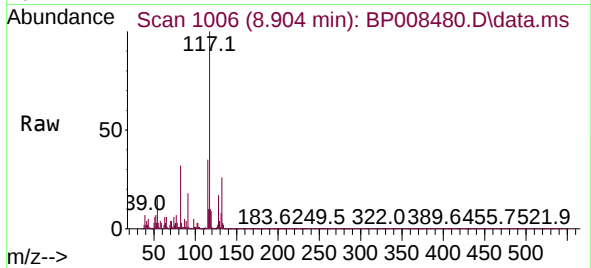




#24
Nitrobenzene
Concen: 8.413 ng
RT: 8.904 min Scan# 1014
Delta R.T. -0.047 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

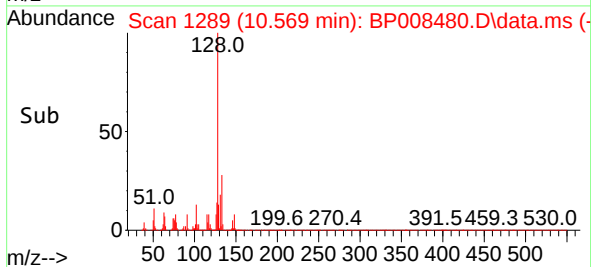
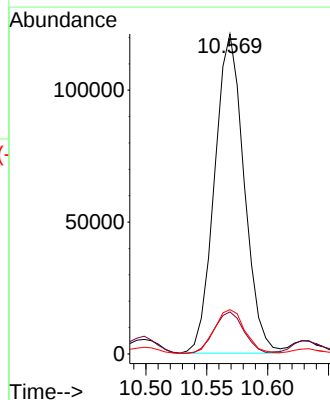
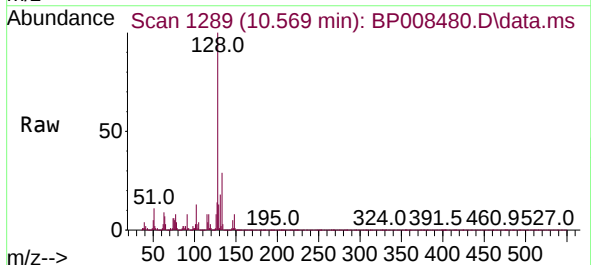
Instrument :
BNA_P
ClientSampleId :

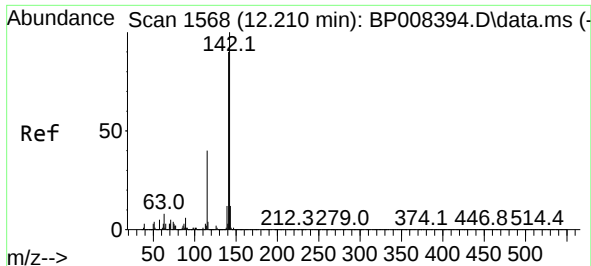
Tgt Ion: 77 Resp: 33492
Ion Ratio Lower Upper
77 100
123 0.3 30.4 45.6#
65 98.2 11.3 16.9#



#31
Naphthalene
Concen: 21.673 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.024 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Tgt Ion: 128 Resp: 204227
Ion Ratio Lower Upper
128 100
129 13.1 8.5 12.7#
127 13.9 10.9 16.3

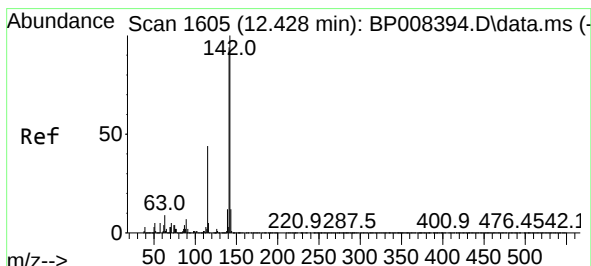
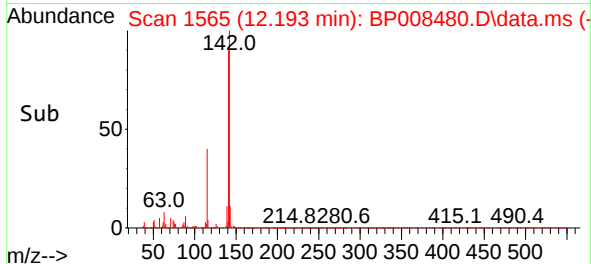
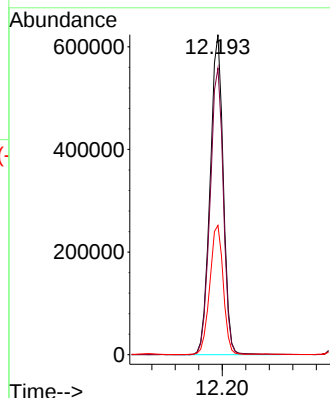
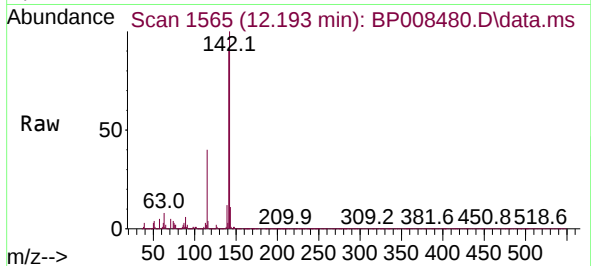




#37
2-Methylnaphthalene
Concen: 149.095 ng
RT: 12.193 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

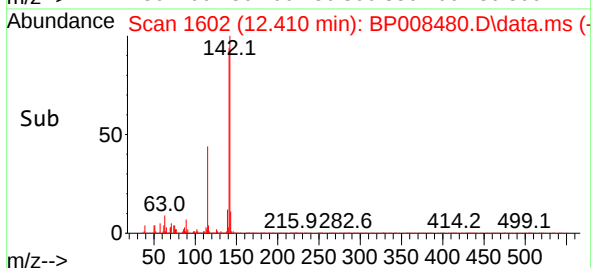
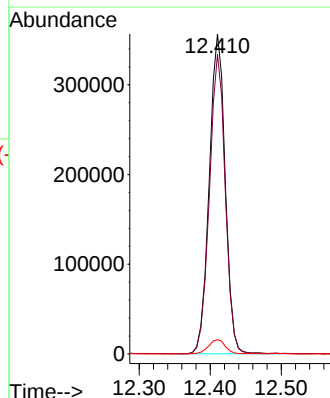
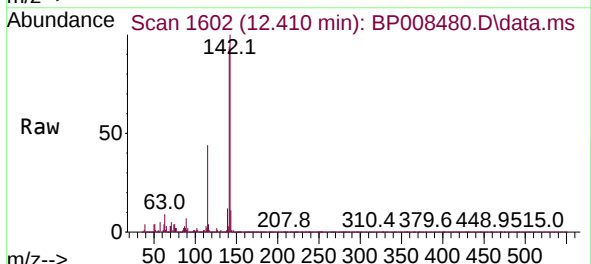
Instrument :
BNA_P
ClientSampleId :

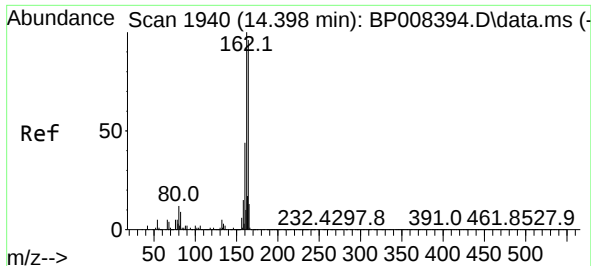
Tgt Ion:142 Resp: 968308
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1
115 40.4 30.9 46.3



#38
1-Methylnaphthalene
Concen: 88.037 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Tgt Ion:142 Resp: 556650
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 4.5 3.4 5.2

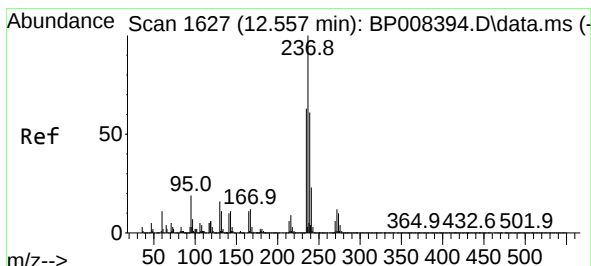
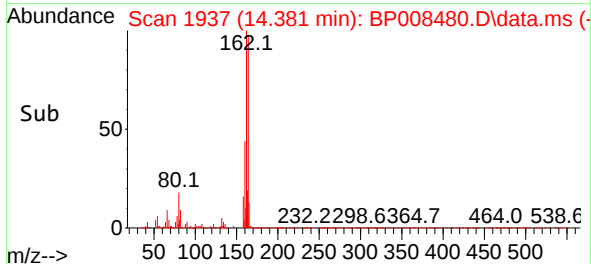
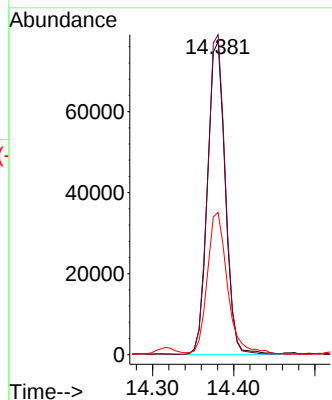
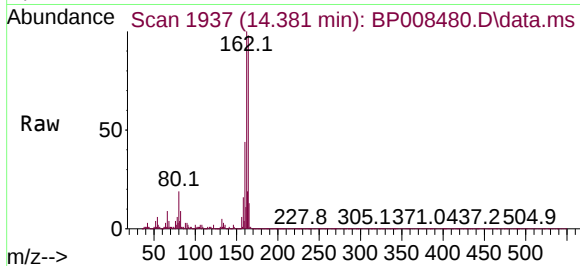




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1940
Delta R.T. -0.017 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

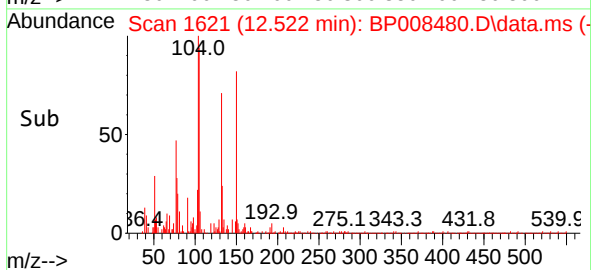
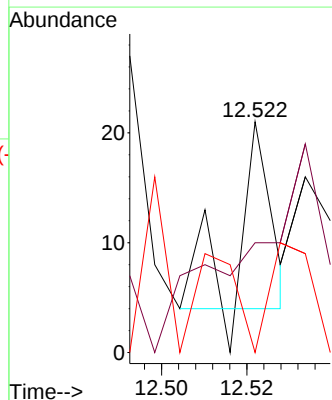
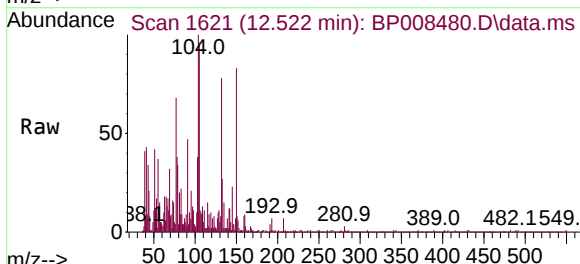
Instrument :
BNA_P
ClientSampleId :

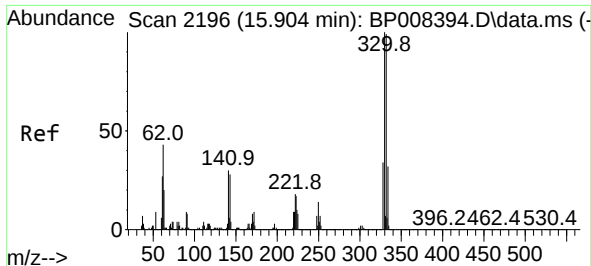
Tgt Ion:164 Resp: 117159
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 45.4 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.522 min Scan# 1621
Delta R.T. -0.035 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

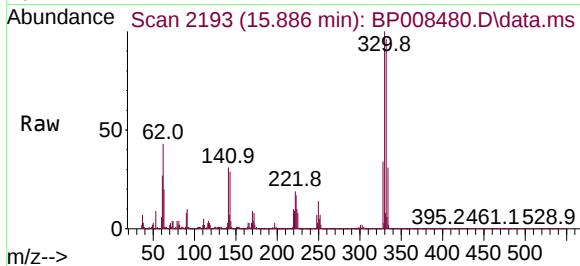
Tgt Ion:237 Resp: 9
Ion Ratio Lower Upper
237 100
235 47.6 42.3 82.3
272 0.0 0.0 32.2



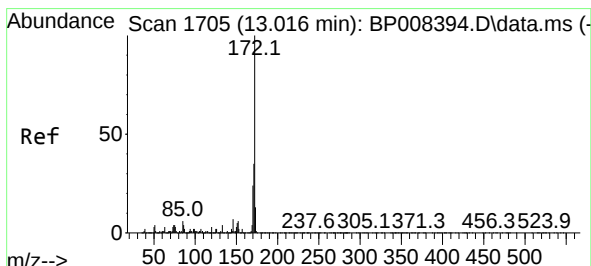
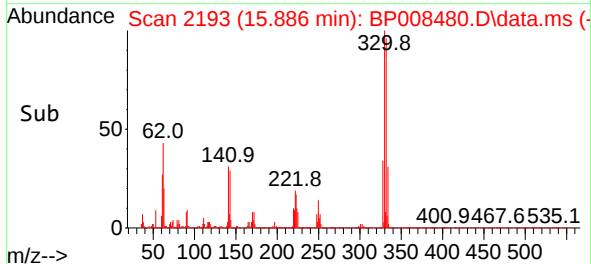
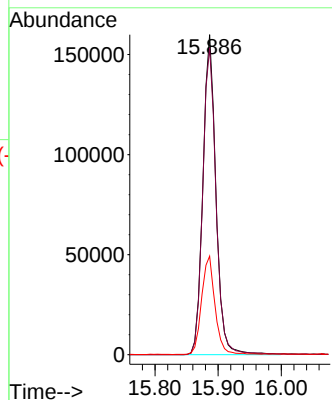


#42
2,4,6-Tribromophenol
Concen: 133.005 ng
RT: 15.886 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Instrument :
BNA_P
ClientSampleId :

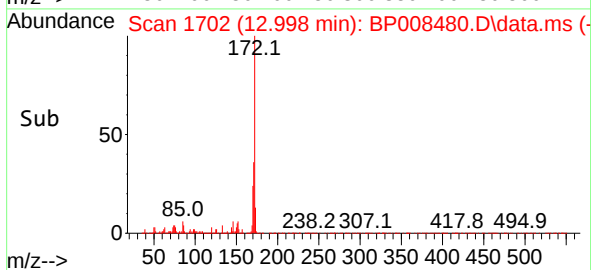
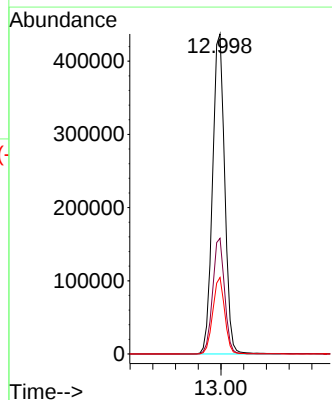
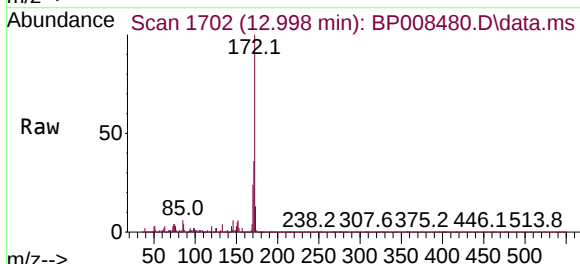


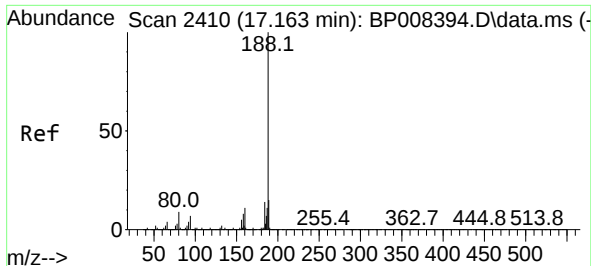
Tgt Ion:330 Resp: 229001
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 31.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 70.140 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

Tgt Ion:172 Resp: 646443
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.9 18.9 28.3

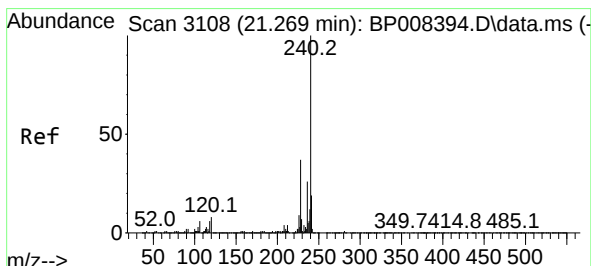
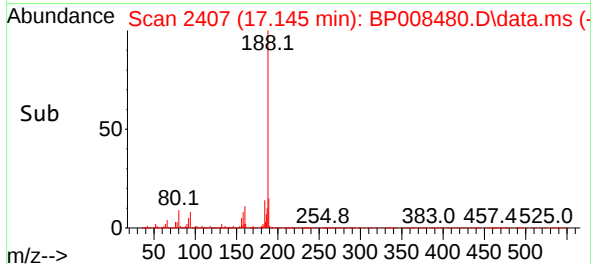
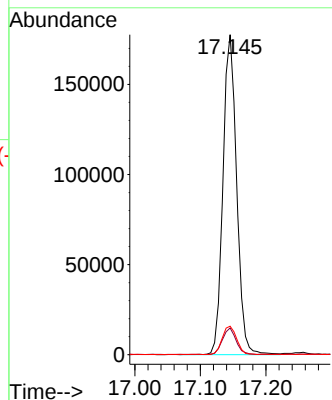
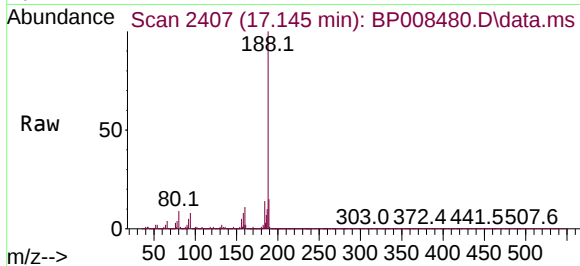




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

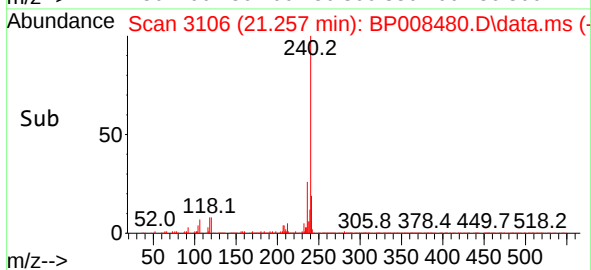
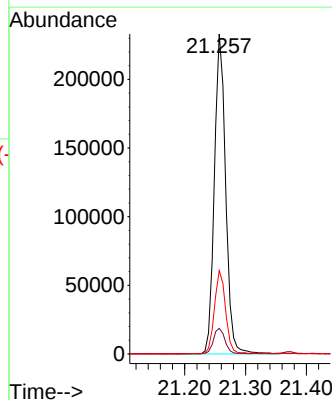
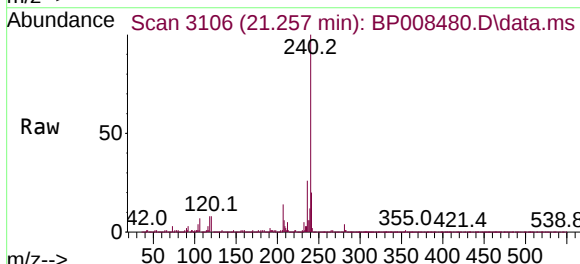
Instrument :
BNA_P
ClientSampleId :

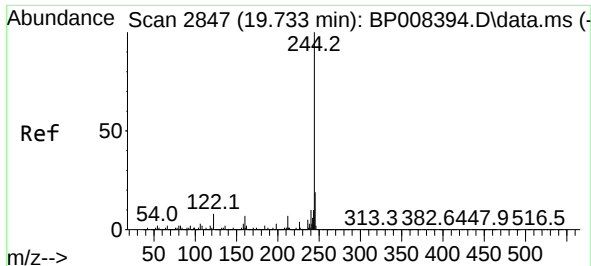
Tgt Ion:188 Resp: 256398
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 8.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008480.D
Acq: 17 Dec 2021 20:09

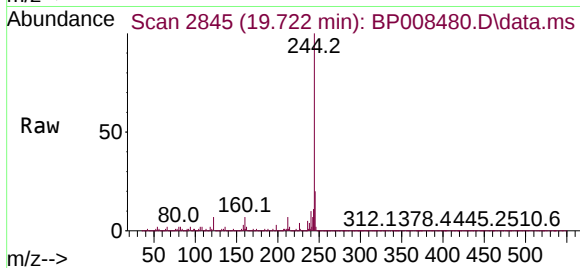
Tgt Ion:240 Resp: 300140
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 26.1 21.4 32.2





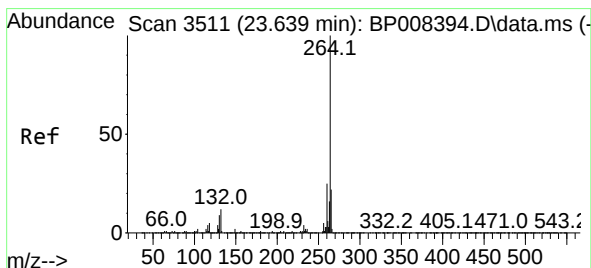
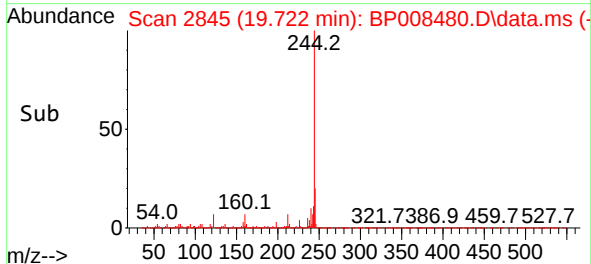
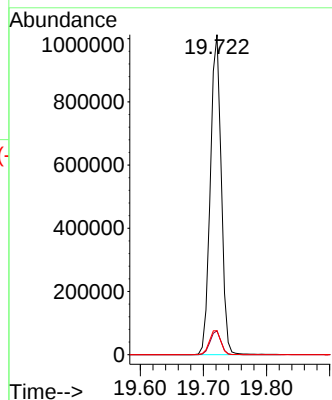
#79
 Terphenyl-d14
 Concen: 70.280 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008480.D
 Acq: 17 Dec 2021 20:09

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:244 Resp: 1212016

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	7.5	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 3509
 Delta R.T. -0.012 min
 Lab File: BP008480.D
 Acq: 17 Dec 2021 20:09

Tgt Ion:264 Resp: 338827

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.2	17.6	26.4

