

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008476.D
 Acq On : 17 Dec 2021 17:53
 Operator : CG/JU
 Sample : M5084-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:16:17 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)

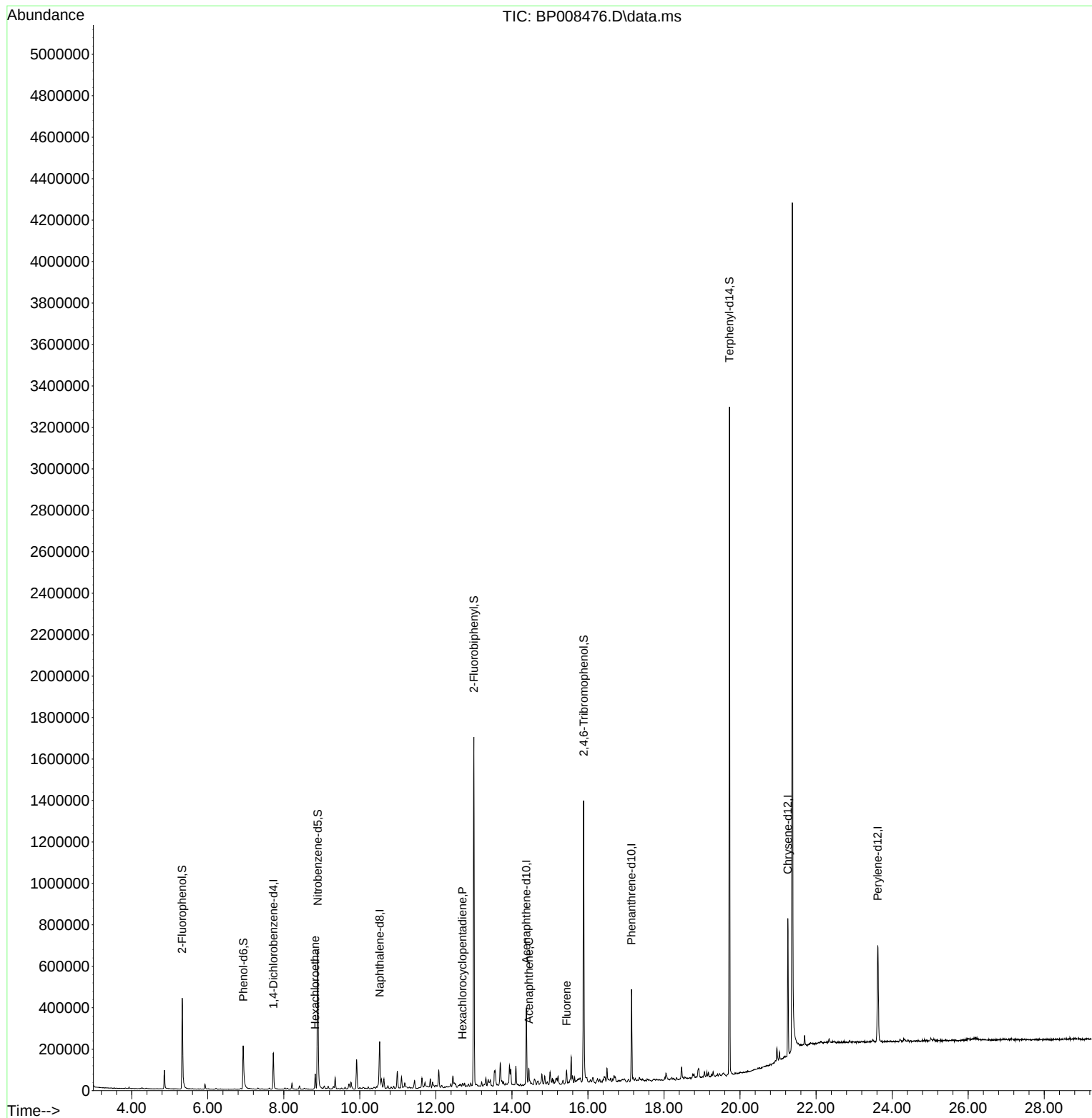
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	47489	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	175548	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	119387	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	260884	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	323269	20.000	ng	-0.01
86) Perylene-d12	23.621	264	383899	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	202439	67.321	ng	-0.02
7) Phenol-d6	6.934	99	152146	37.672	ng	0.00
23) Nitrobenzene-d5	8.893	82	394325	95.162	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	271358	154.665	ng	-0.02
45) 2-Fluorobiphenyl	12.998	172	850305	90.538	ng	-0.02
79) Terphenyl-d14	19.722	244	1472020	79.249	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	150	Below Cal	#	32
9) Benzaldehyde	6.846	77	68	Below Cal	#	32
18) Hexachloroethane	8.828	117	11753	8.783	ng	# 1
41) Hexachlorocyclopentadiene	12.698	237	11	8.660	ng	86
52) Acenaphthene	14.445	154	24216	3.764	ng	99
58) Fluorene	15.439	166	25637	3.022	ng	# 97

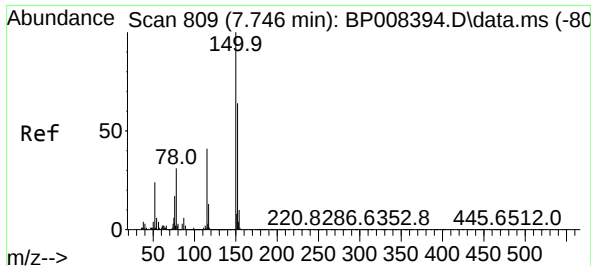
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008476.D
Acq On : 17 Dec 2021 17:53
Operator : CG/JU
Sample : M5084-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 18 06:16:17 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

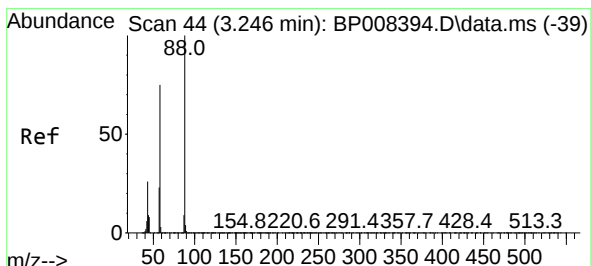
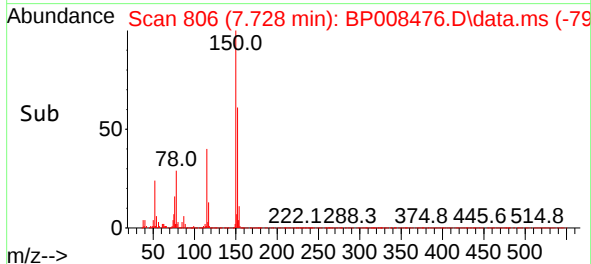
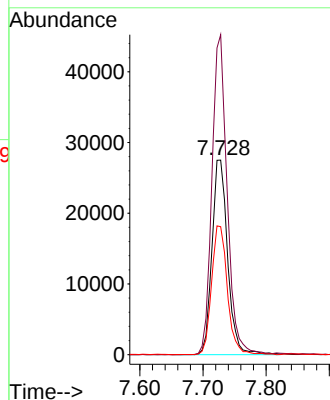
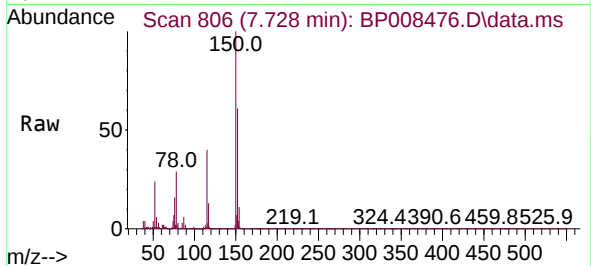




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP008476.D
 Acq: 17 Dec 2021 17:53

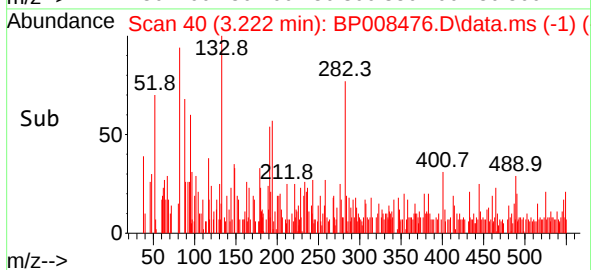
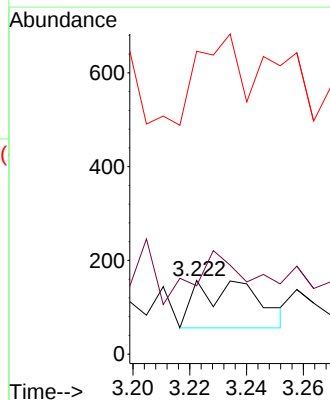
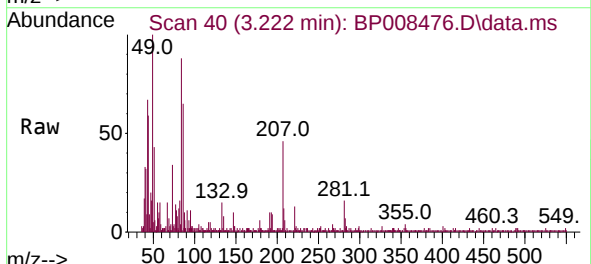
Instrument :
 BNA_P
 ClientSampleId :

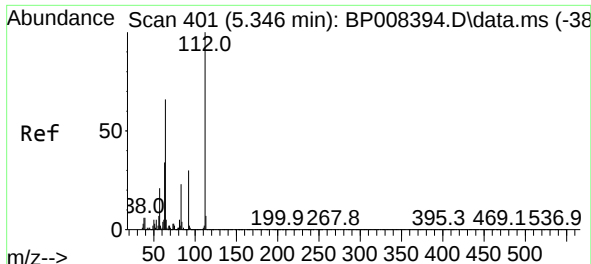
Tgt Ion:152 Resp: 47489
 Ion Ratio Lower Upper
 152 100
 150 164.4 125.7 188.5
 115 65.8 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.222 min Scan# 40
 Delta R.T. -0.024 min
 Lab File: BP008476.D
 Acq: 17 Dec 2021 17:53

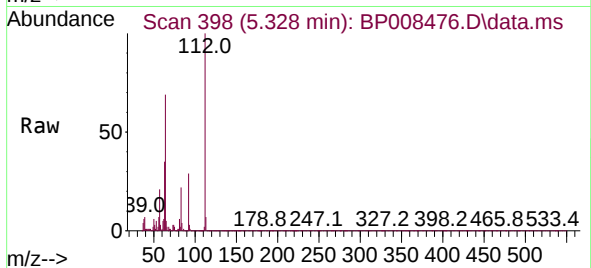
Tgt Ion: 88 Resp: 150
 Ion Ratio Lower Upper
 88 100
 58 58.7 63.5 95.3#
 43 130.0 23.4 35.2#



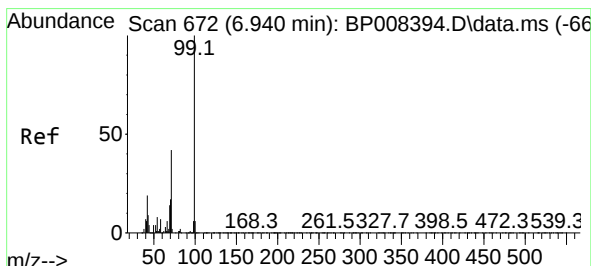
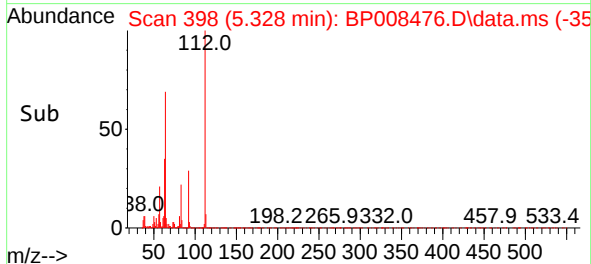
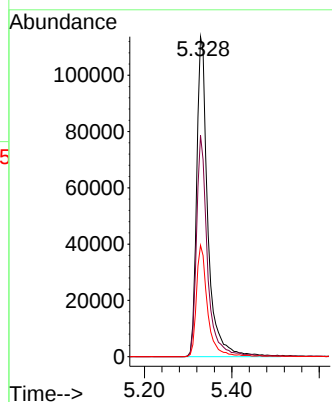


#5
2-Fluorophenol
Concen: 67.321 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Instrument :
BNA_P
ClientSampleId :

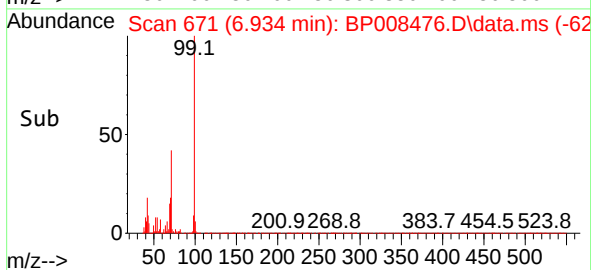
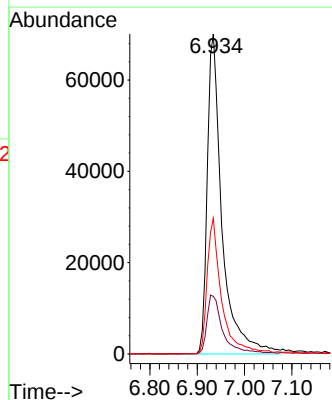
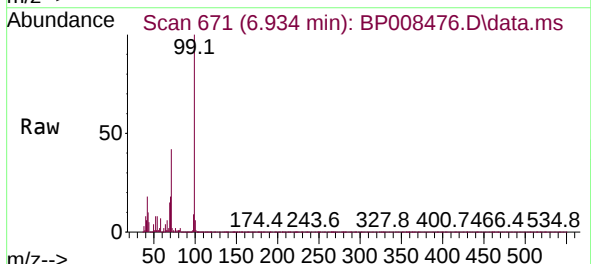


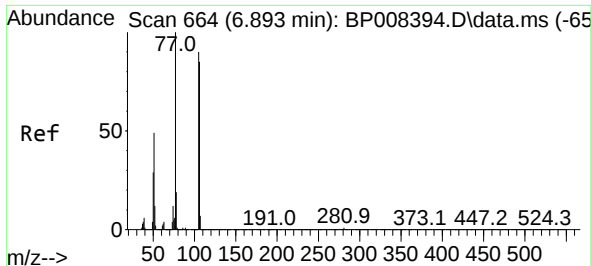
Tgt Ion:112 Resp: 202439
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 34.8 27.8 41.8



#7
Phenol-d6
Concen: 37.672 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion: 99 Resp: 152146
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 42.4 31.1 46.7

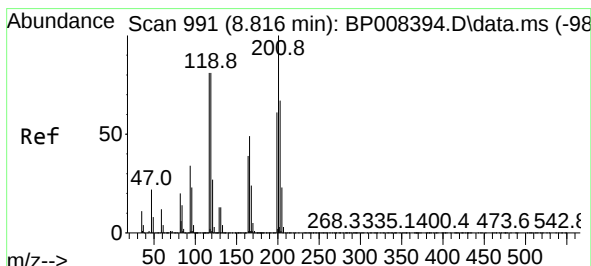
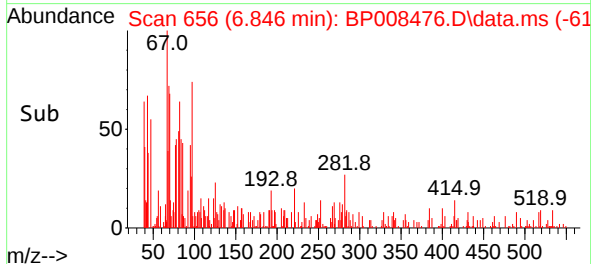
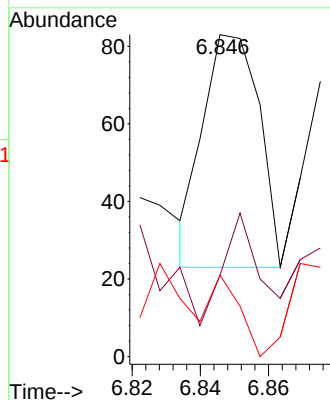
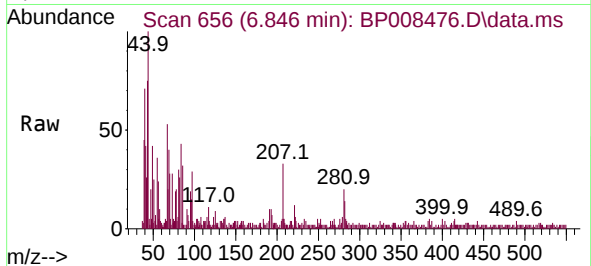




#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

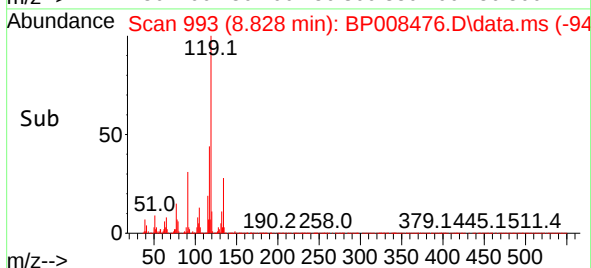
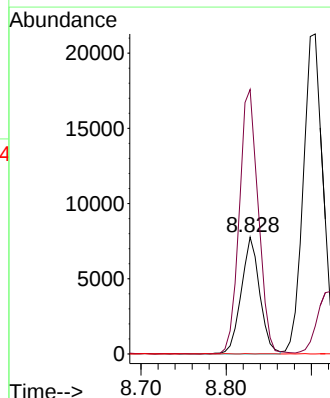
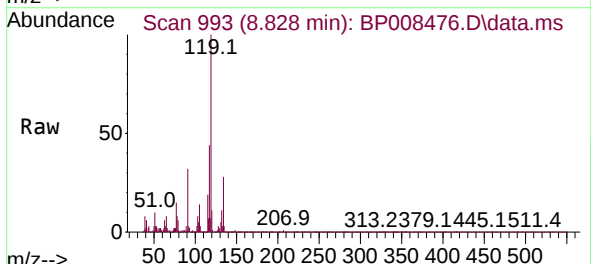
Instrument :
BNA_P
ClientSampleId :

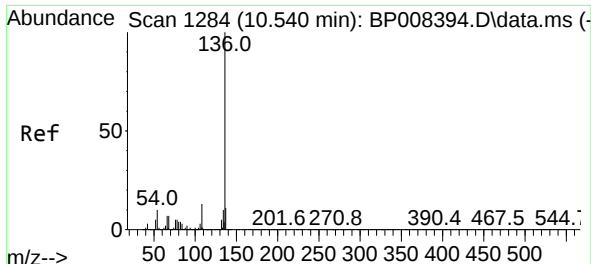
Tgt Ion: 77 Resp: 68
Ion Ratio Lower Upper
77 100
105 25.3 71.8 111.8#
106 25.3 67.3 107.3#



#18
Hexachloroethane
Concen: 8.783 ng
RT: 8.828 min Scan# 993
Delta R.T. 0.012 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion: 117 Resp: 11753
Ion Ratio Lower Upper
117 100
119 226.2 74.7 112.1#
201 0.1 88.6 132.8#

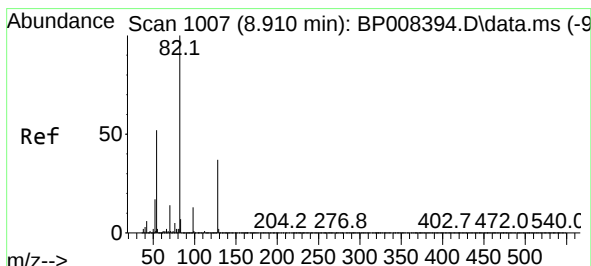
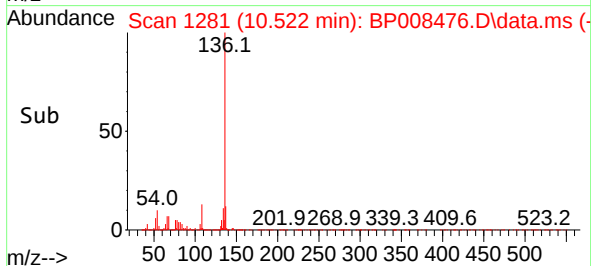
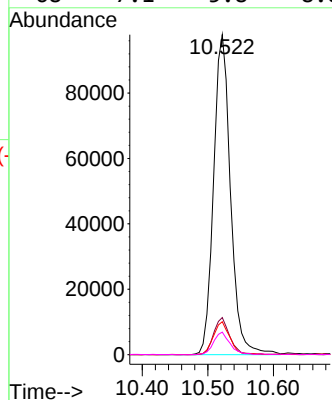
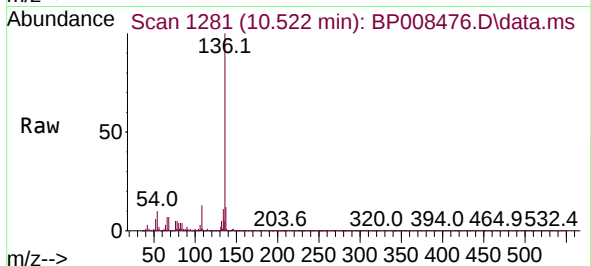




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

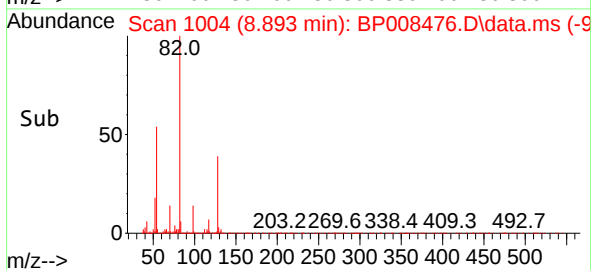
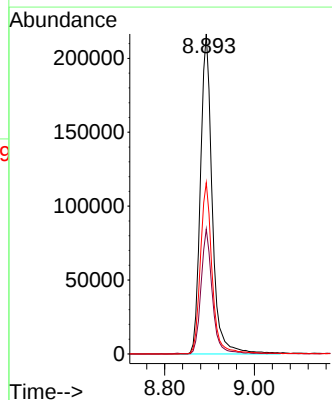
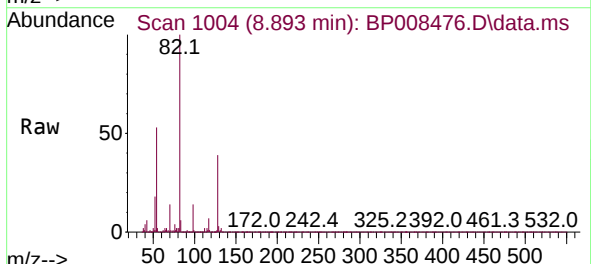
Instrument :
BNA_P
ClientSampleId :

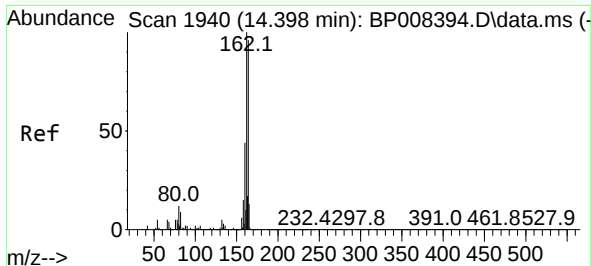
Tgt Ion:	136	Resp:	175548
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	10.3	8.2	12.4
68	7.1	5.8	8.8



#23
Nitrobenzene-d5
Concen: 95.162 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion:	82	Resp:	394325
Ion Ratio	Lower	Upper	
82	100		
128	39.0	29.6	44.4
54	53.5	42.7	64.1

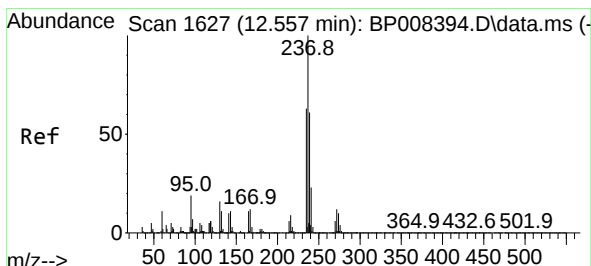
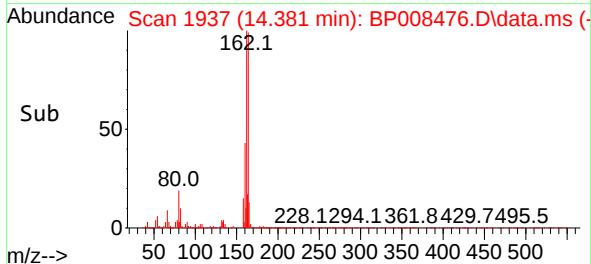
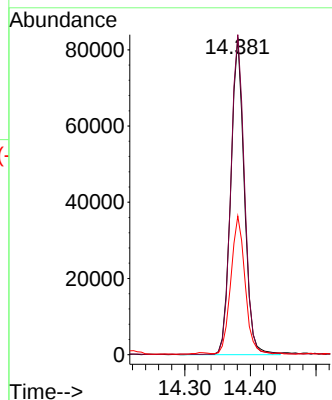
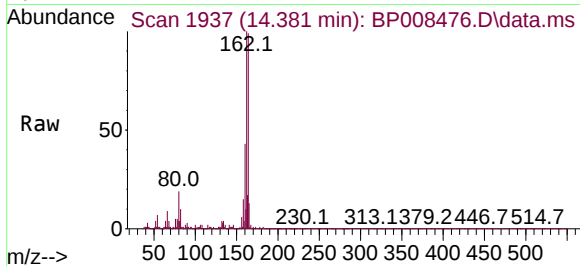




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1940
Delta R.T. -0.017 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

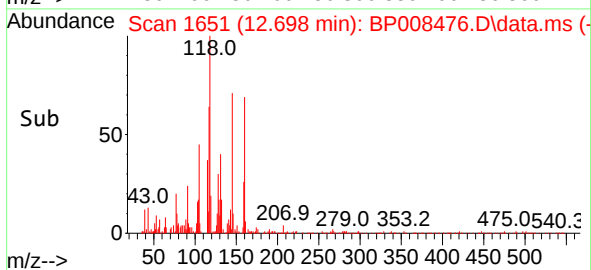
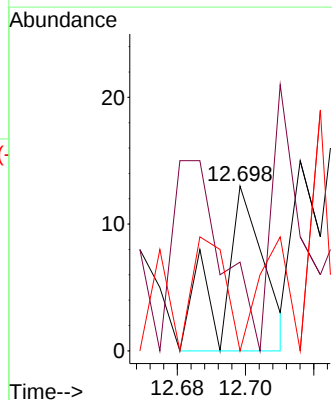
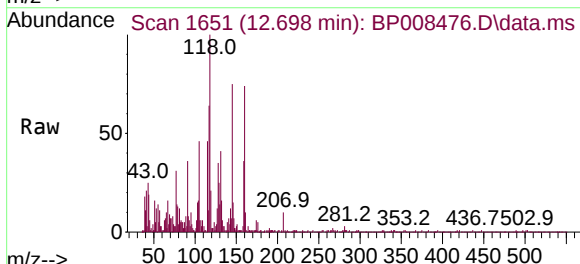
Instrument :
BNA_P
ClientSampleId :

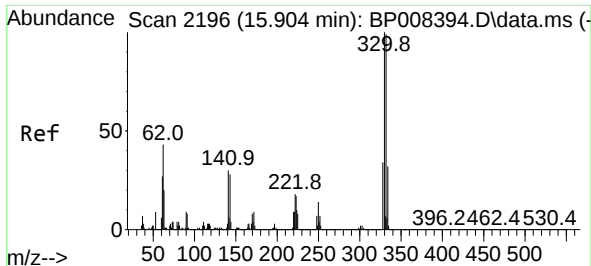
Tgt Ion:164 Resp: 119387
Ion Ratio Lower Upper
164 100
162 100.9 81.9 122.9
160 43.7 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.698 min Scan# 1651
Delta R.T. 0.141 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

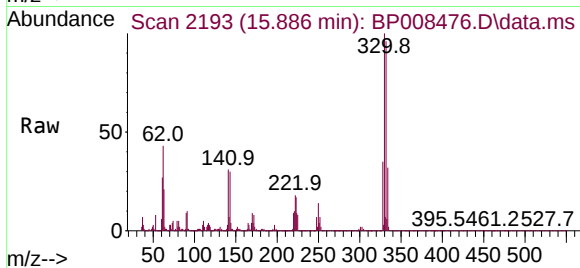
Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 53.8 42.3 82.3
272 0.0 0.0 32.2



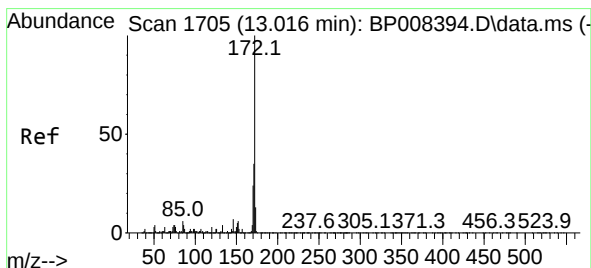
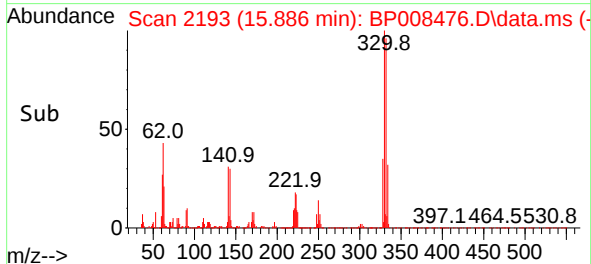
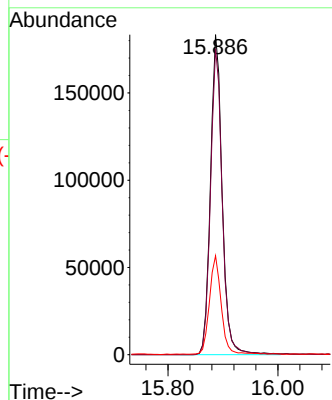


#42
2,4,6-Tribromophenol
Concen: 154.665 ng
RT: 15.886 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Instrument :
BNA_P
ClientSampleId :

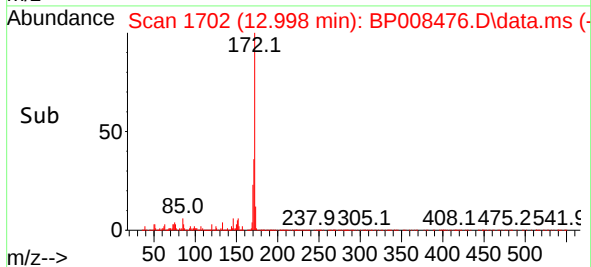
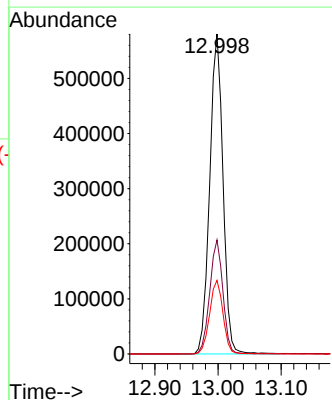
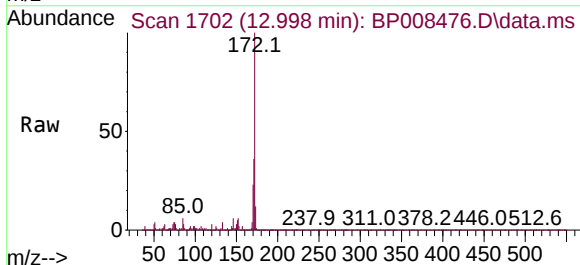


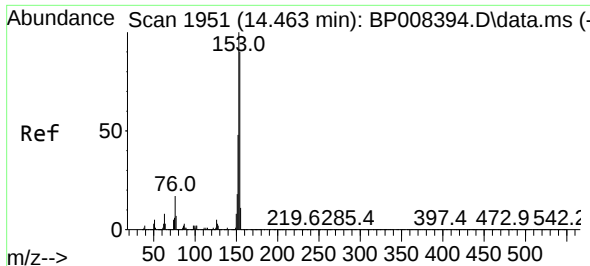
Tgt Ion:330 Resp: 271358
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 30.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 90.538 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

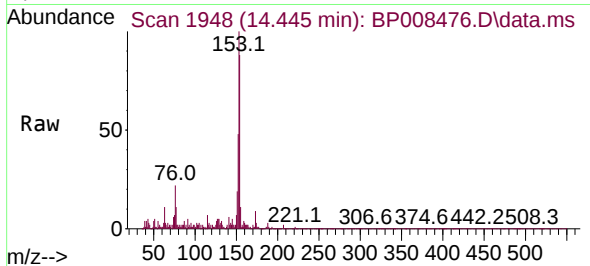
Tgt Ion:172 Resp: 850305
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.0 18.9 28.3



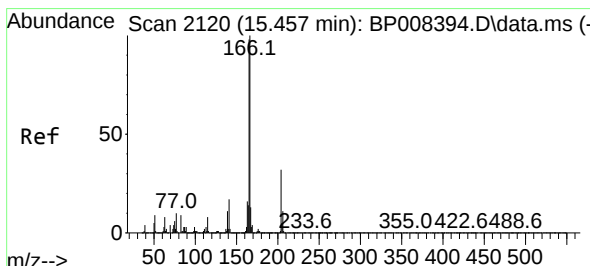
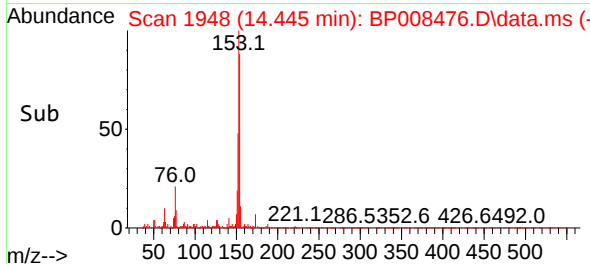
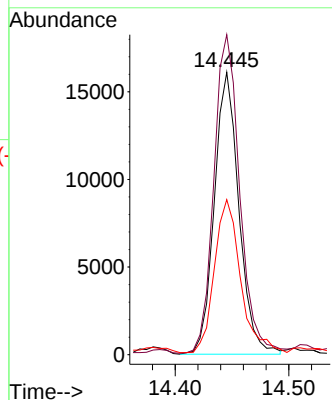


#52
Acenaphthene
Concen: 3.764 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Instrument :
BNA_P
ClientSampleId :

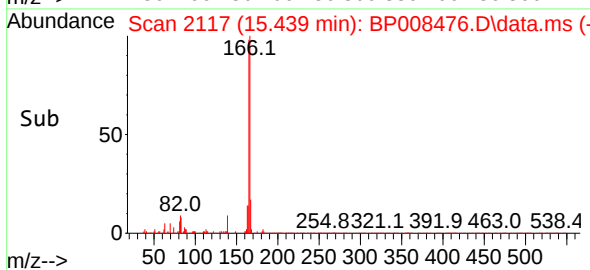
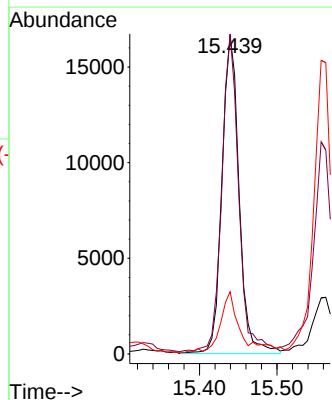
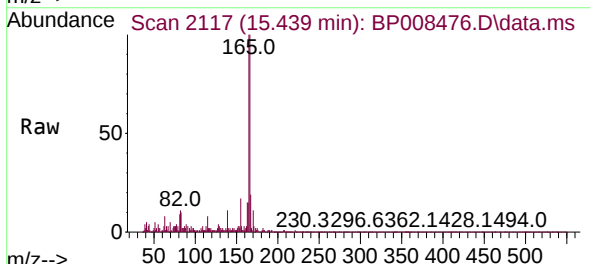


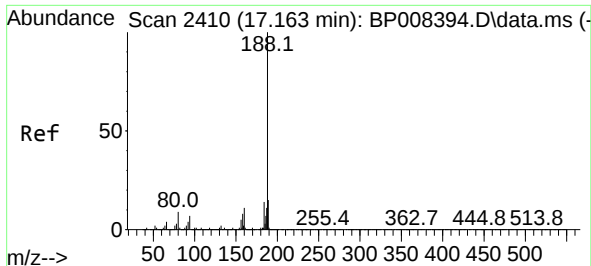
Tgt Ion:154 Resp: 24216
Ion Ratio Lower Upper
154 100
153 113.3 90.3 135.5
152 54.9 43.3 64.9



#58
Fluorene
Concen: 3.022 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion:166 Resp: 25637
Ion Ratio Lower Upper
166 100
165 100.5 79.4 119.2
167 19.5 10.9 16.3#

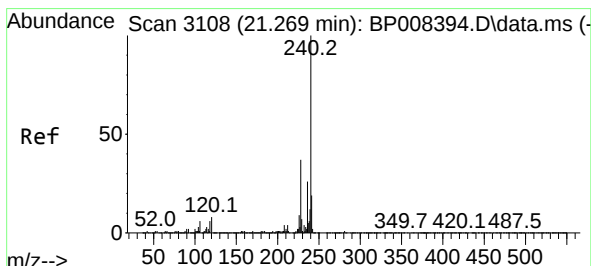
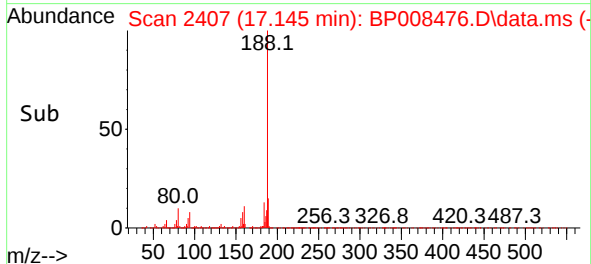
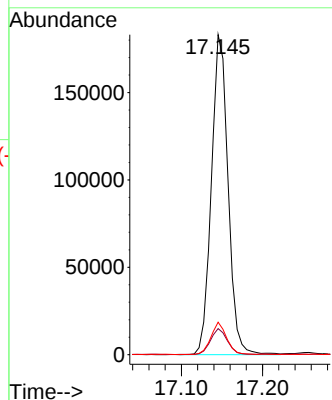
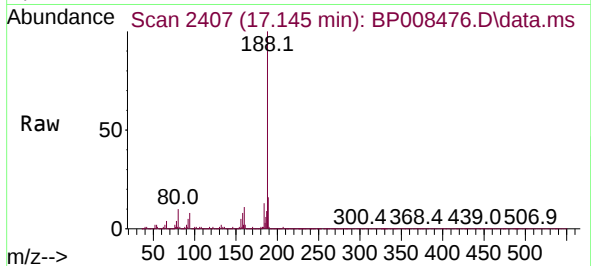




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

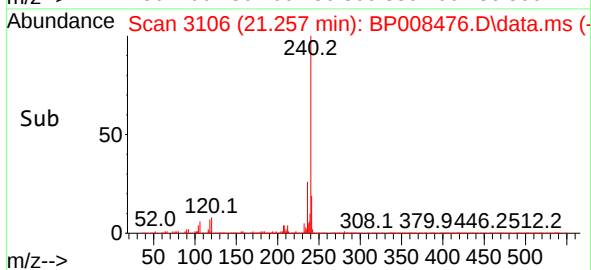
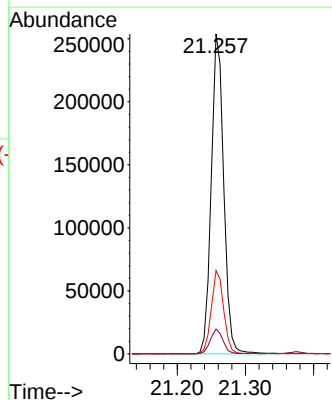
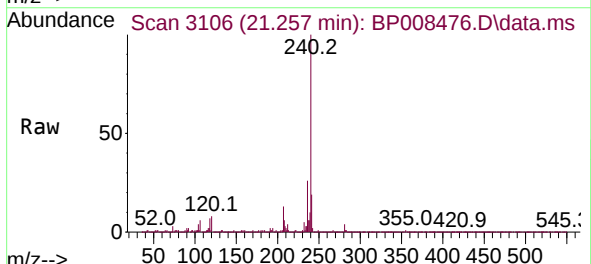
Instrument :
BNA_P
ClientSampleId :

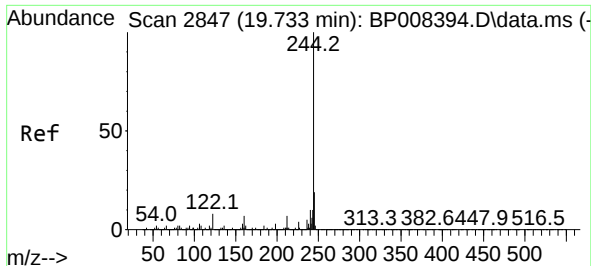
Tgt Ion:188 Resp: 260884
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

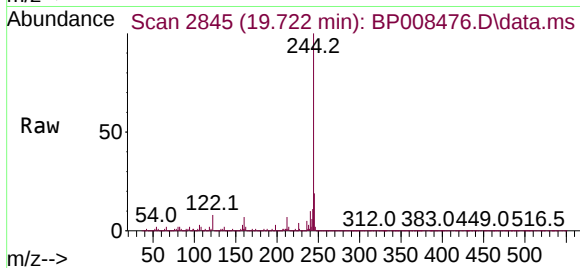
Tgt Ion:240 Resp: 323269
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.1 21.4 32.2





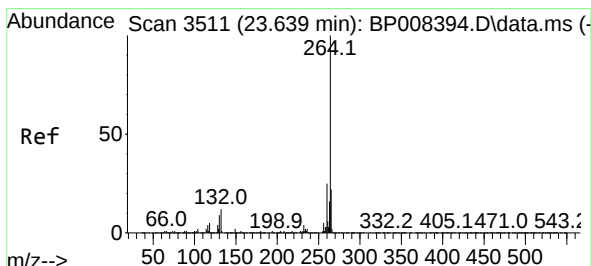
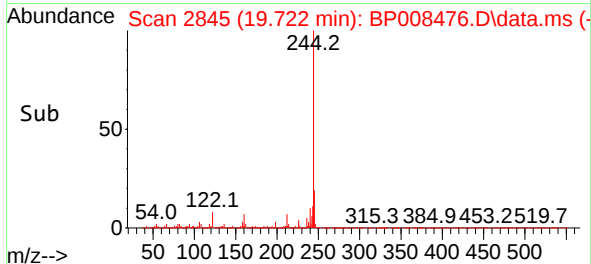
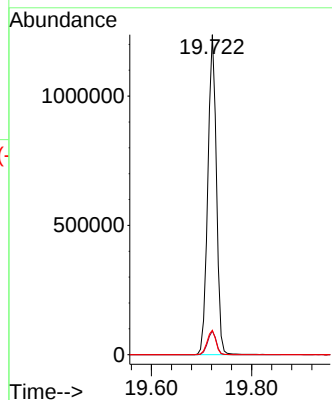
#79
 Terphenyl-d14
 Concen: 79.249 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008476.D
 Acq: 17 Dec 2021 17:53

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:244 Resp: 1472020

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.7	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3508
 Delta R.T. -0.018 min
 Lab File: BP008476.D
 Acq: 17 Dec 2021 17:53

Tgt Ion:264 Resp: 383899

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	17.6	26.4

