

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008475.D
 Acq On : 17 Dec 2021 17:19
 Operator : CG/JU
 Sample : M5096-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:16:02 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)

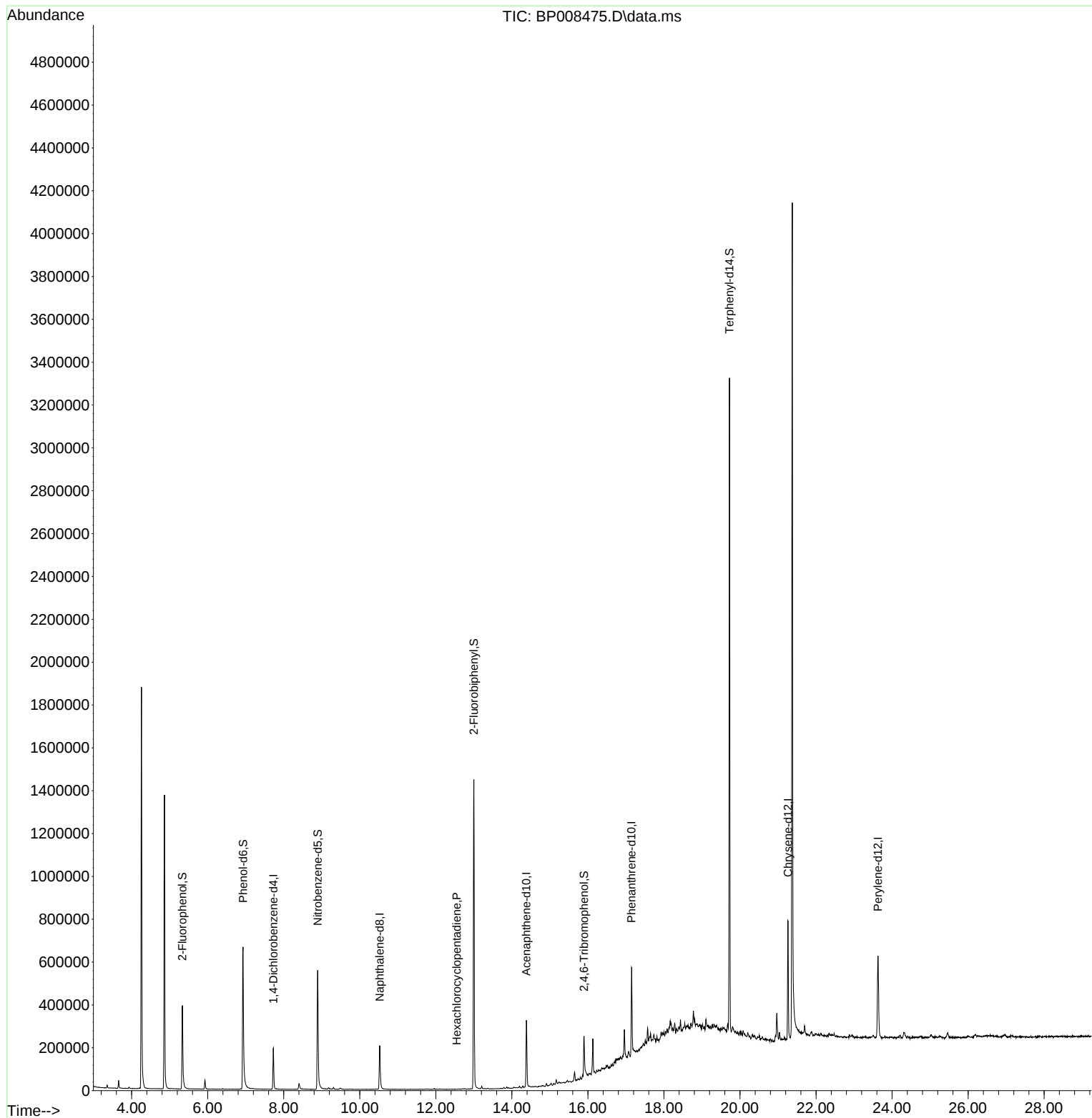
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	52146	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	186351	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	120415	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	261250	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	304491	20.000	ng	# 0.00
86) Perylene-d12	23.627	264	340431	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	188064	56.955	ng	-0.01
7) Phenol-d6	6.928	99	454530	102.493	ng	-0.01
23) Nitrobenzene-d5	8.893	82	362243	82.352	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	47358	26.762	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	776202	81.942	ng	-0.02
79) Terphenyl-d14	19.722	244	1403362	80.212	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.217	88	102	Below Cal	#	19
9) Benzaldehyde	6.881	77	58	Below Cal	#	19
41) Hexachlorocyclopentadiene	12.551	237	13	8.661 ng		85

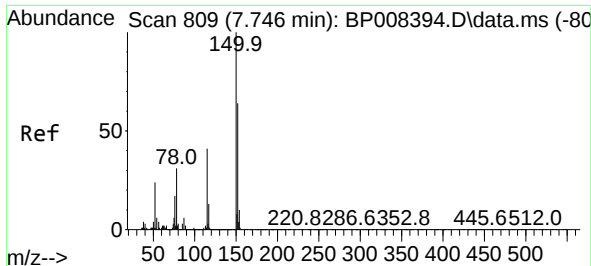
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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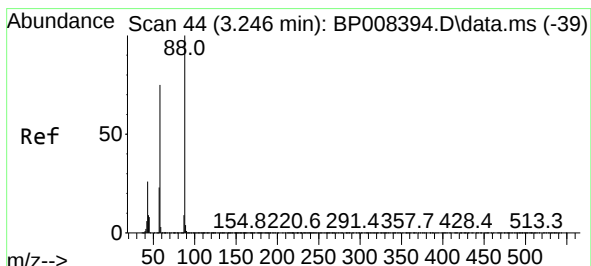
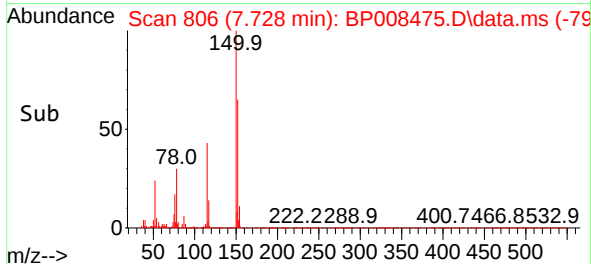
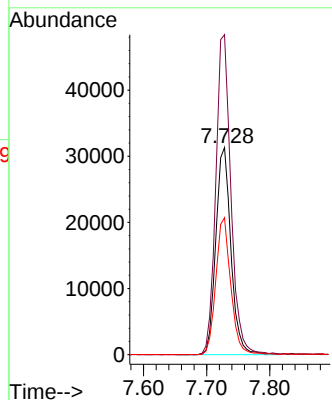
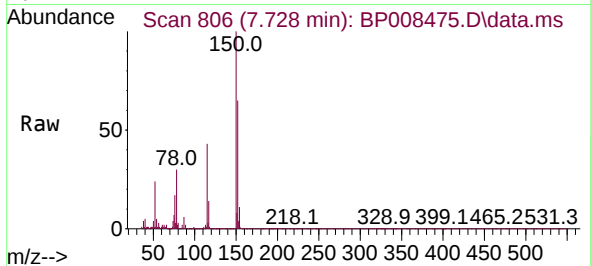




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP008475.D
 Acq: 17 Dec 2021 17:19

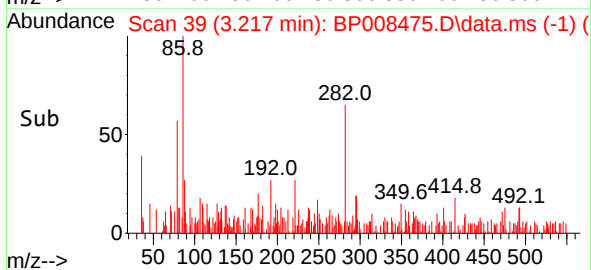
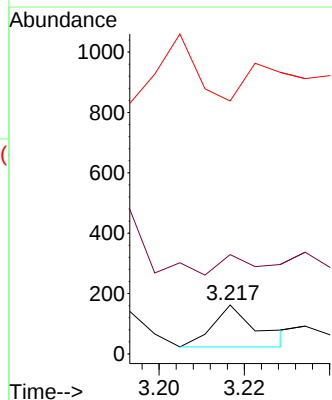
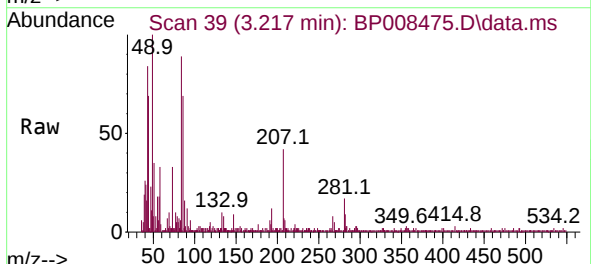
Instrument :
 BNA_P
 ClientSampleId :

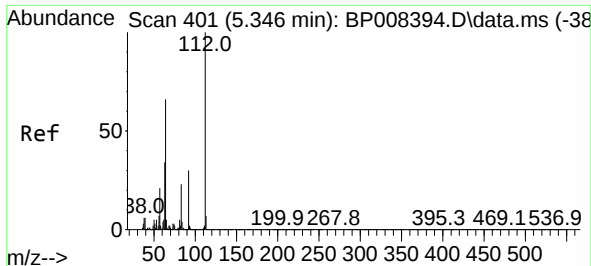
Tgt Ion:152 Resp: 52146
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.7 188.5
 115 66.1 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.217 min Scan# 39
 Delta R.T. -0.029 min
 Lab File: BP008475.D
 Acq: 17 Dec 2021 17:19

Tgt Ion: 88 Resp: 102
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 0.0 23.4 35.2#

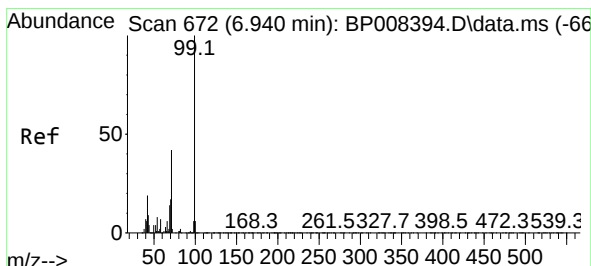
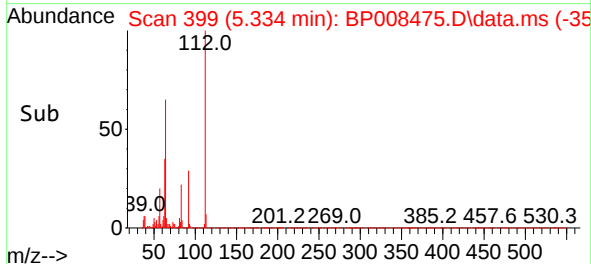
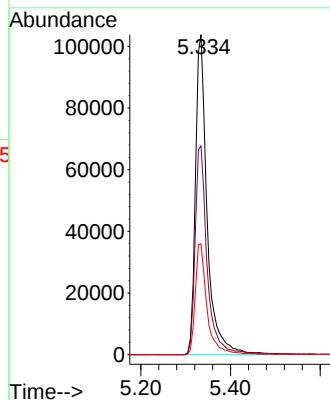
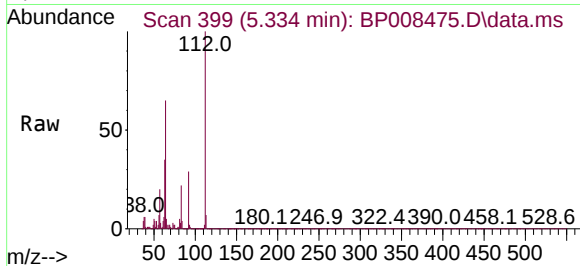




#5
2-Fluorophenol
Concen: 56.955 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

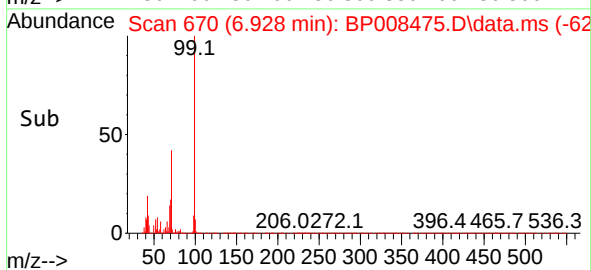
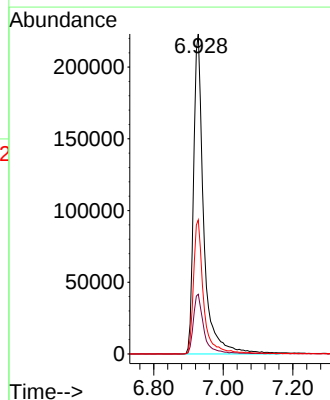
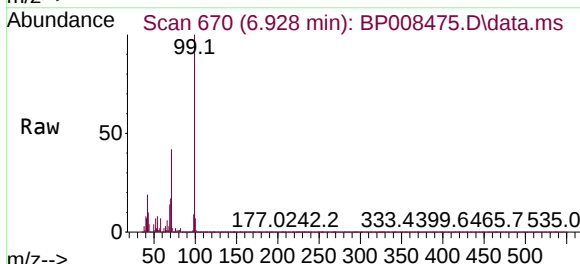
Instrument :
BNA_P
ClientSampleId :

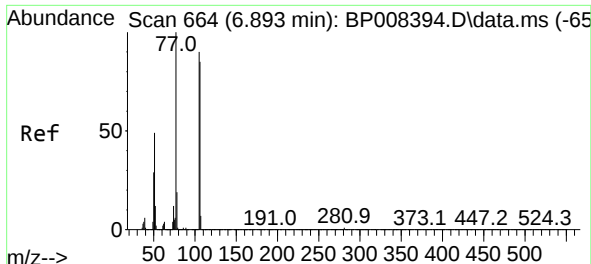
Tgt Ion:112 Resp: 188064
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 34.6 27.8 41.8



#7
Phenol-d6
Concen: 102.493 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

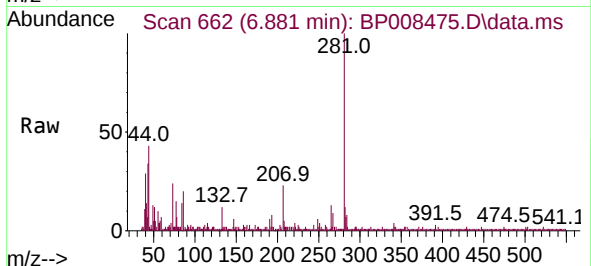
Tgt Ion: 99 Resp: 454530
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 41.9 31.1 46.7



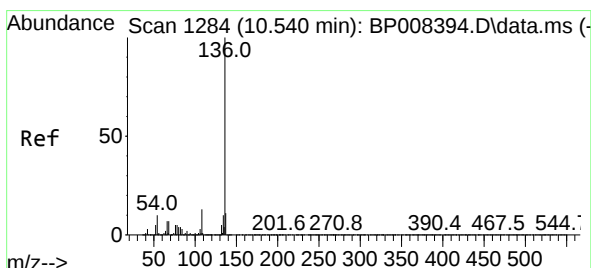
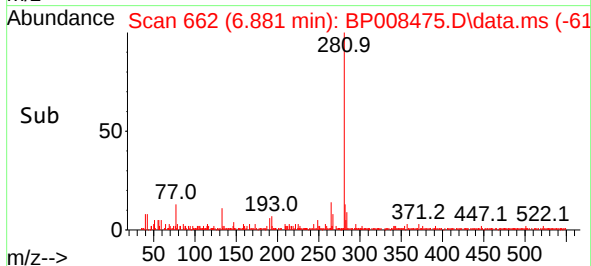
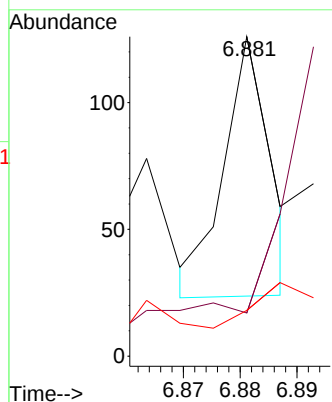


#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

Instrument :
BNA_P
ClientSampleId :

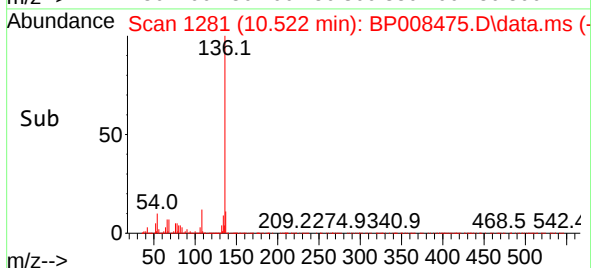
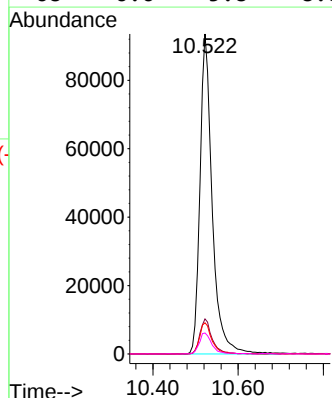
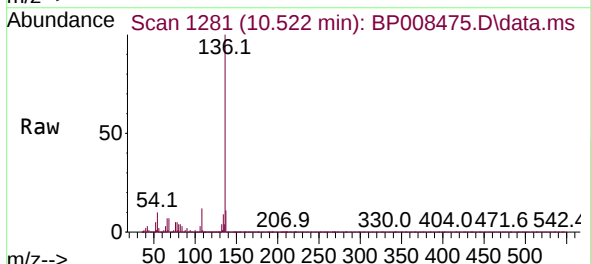


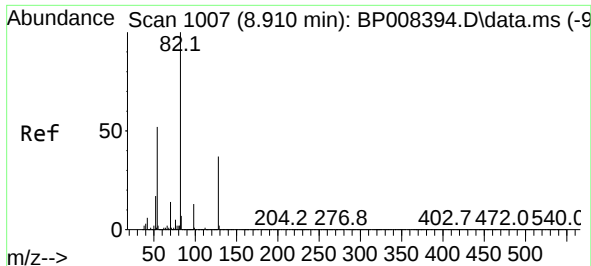
Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
105 13.5 71.8 111.8#
106 14.3 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

Tgt Ion:136 Resp: 186351
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.8 8.2 12.4
68 6.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 82.352 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BP008475.D

Acq: 17 Dec 2021 17:19

Instrument :

BNA_P

ClientSampleId :

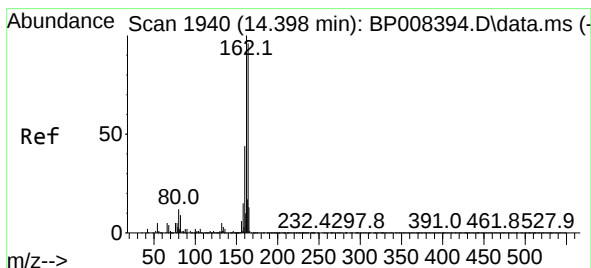
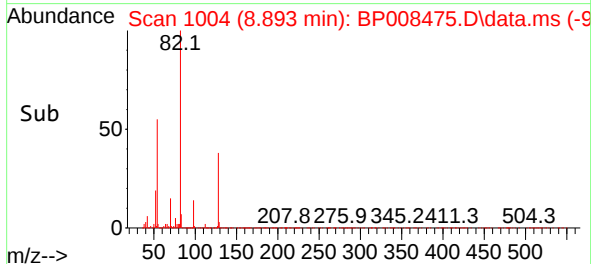
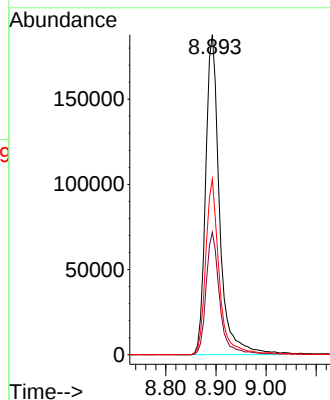
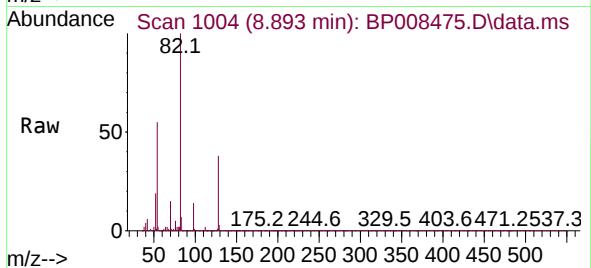
Tgt Ion: 82 Resp: 362243

Ion Ratio Lower Upper

82 100

128 38.3 29.6 44.4

54 54.9 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.017 min

Lab File: BP008475.D

Acq: 17 Dec 2021 17:19

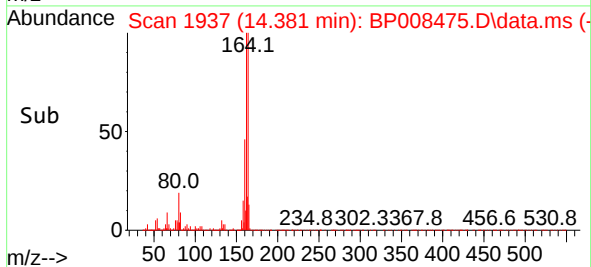
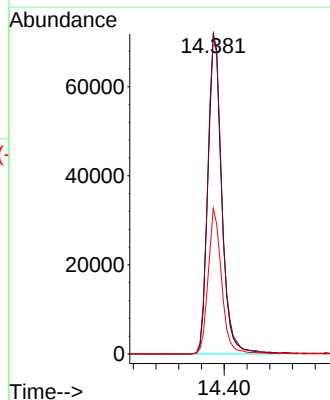
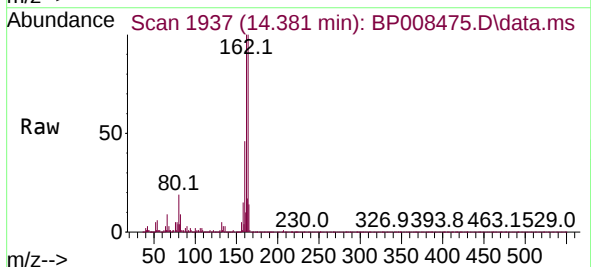
Tgt Ion:164 Resp: 120415

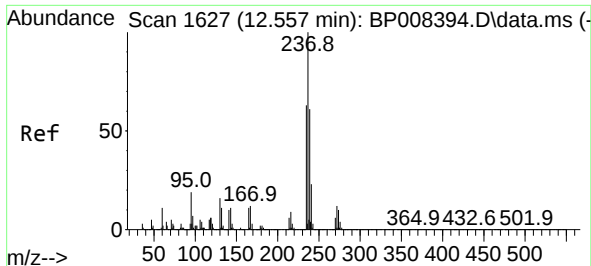
Ion Ratio Lower Upper

164 100

162 99.6 81.9 122.9

160 45.5 35.4 53.0

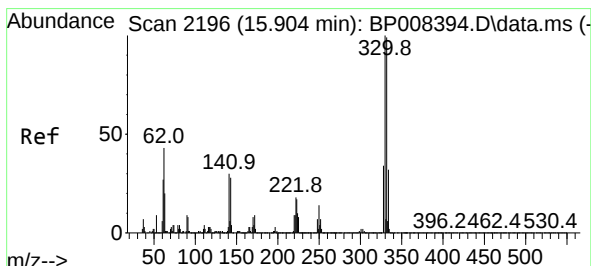
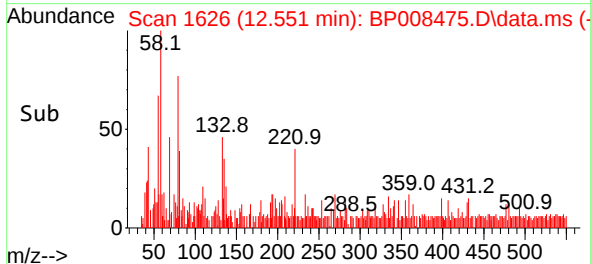
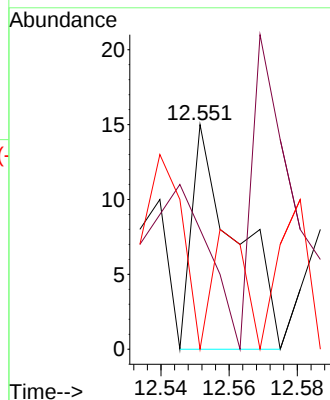
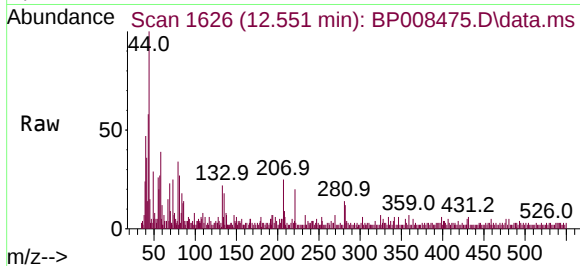




#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

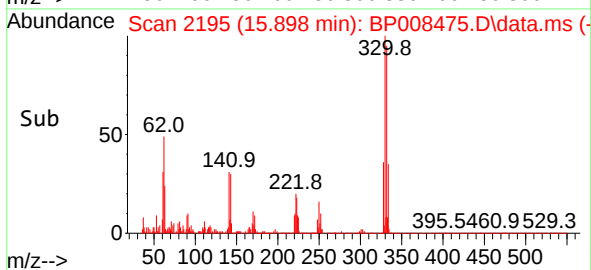
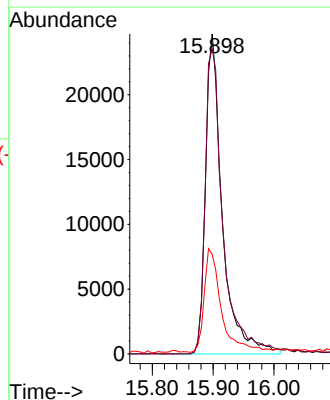
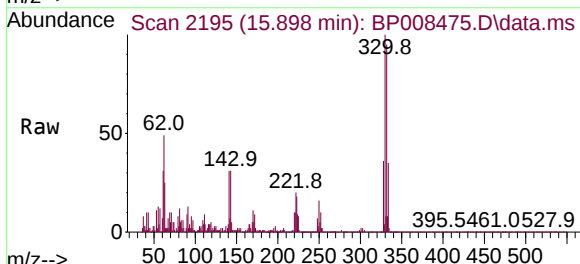
Instrument :
BNA_P
ClientSampleId :

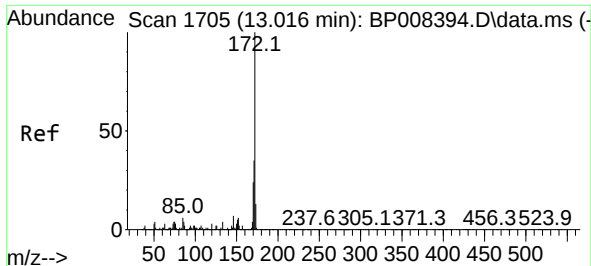
Tgt Ion:237	Resp:	13
Ion Ratio	Lower	Upper
237	100	
235	53.3	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 26.762 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

Tgt Ion:330	Resp:	47358
Ion Ratio	Lower	Upper
330	100	
332	101.2	77.0 115.4
141	33.6	28.4 42.6

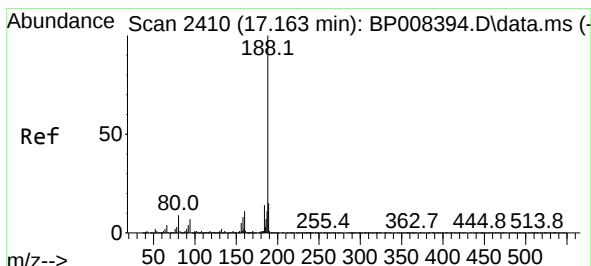
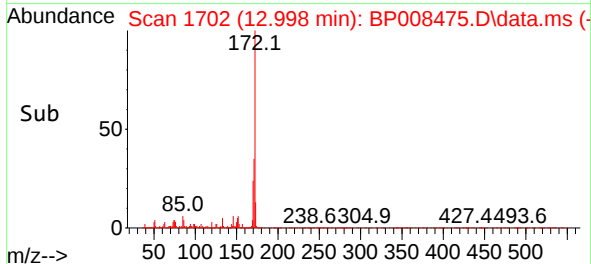
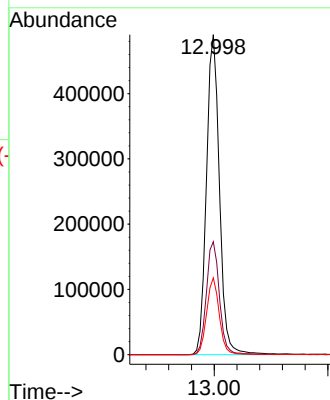
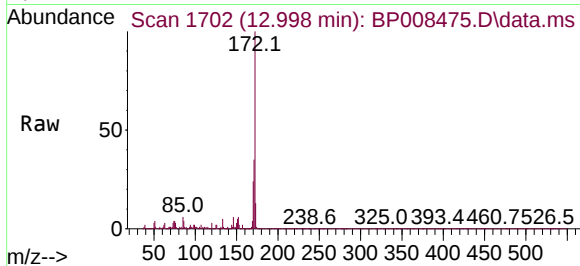




#45
2-Fluorobiphenyl
Concen: 81.942 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

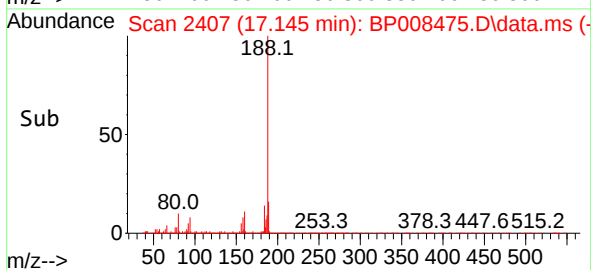
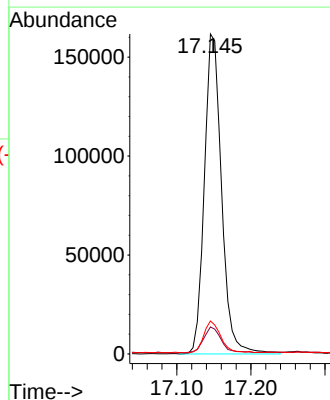
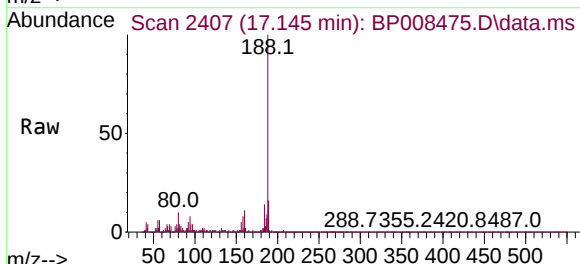
Instrument :
BNA_P
ClientSampleId :

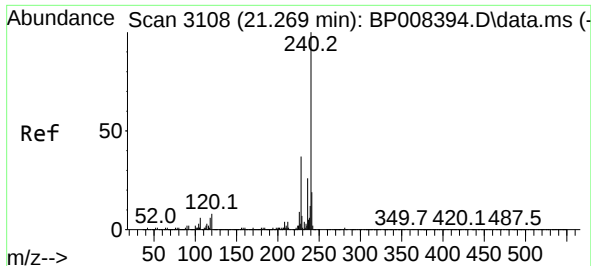
Tgt Ion:172 Resp: 776202
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.018 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

Tgt Ion:188 Resp: 261250
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 10.3 8.2 12.4

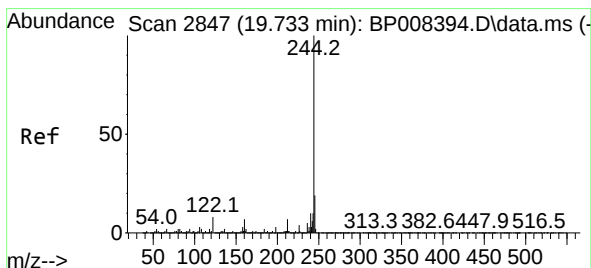
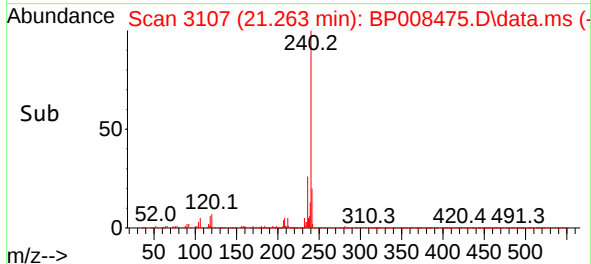
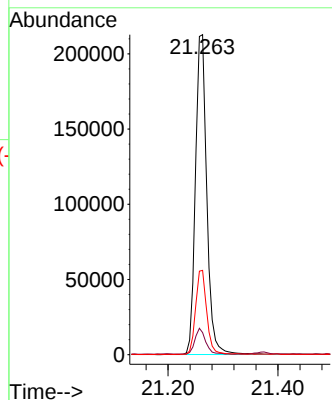
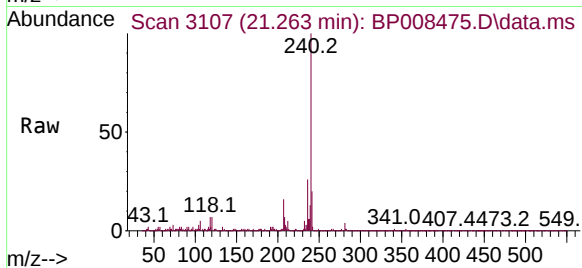




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

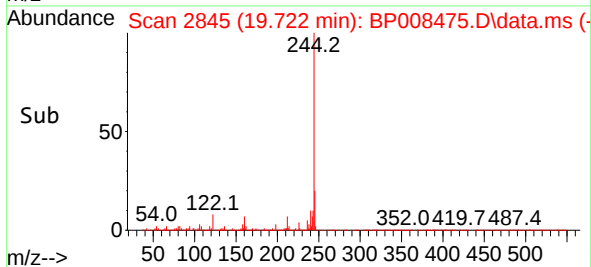
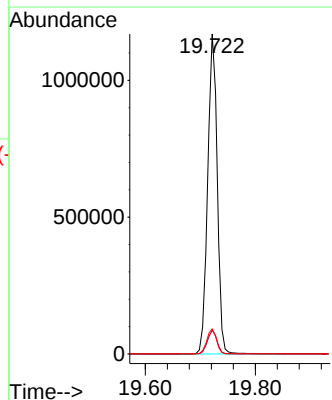
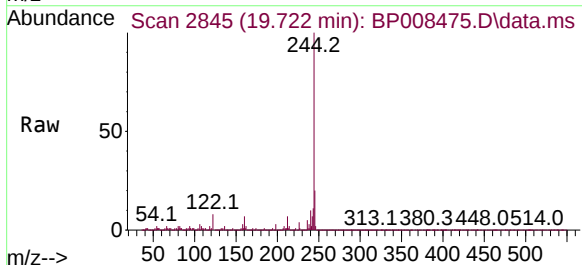
Instrument :
BNA_P
ClientSampleId :

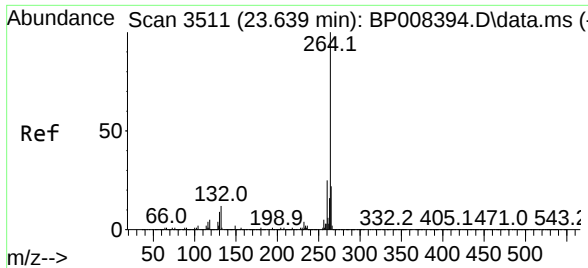
Tgt Ion:240 Resp: 304491
Ion Ratio Lower Upper
240 100
120 6.9 7.3 10.9#
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 80.212 ng
RT: 19.722 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP008475.D
Acq: 17 Dec 2021 17:19

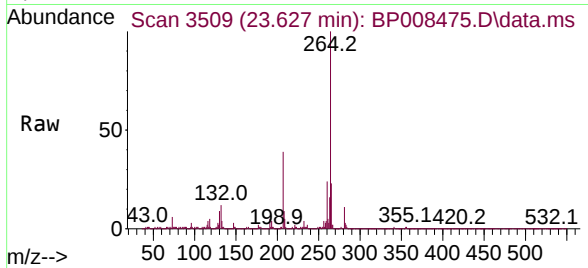
Tgt Ion:244 Resp: 1403362
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.8 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008475.D
 Acq: 17 Dec 2021 17:19

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 340431
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.6 17.6 26.4

