

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008500.D
 Acq On : 18 Dec 2021 21:30
 Operator : CG/JU
 Sample : M5018-49RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:54:43 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)

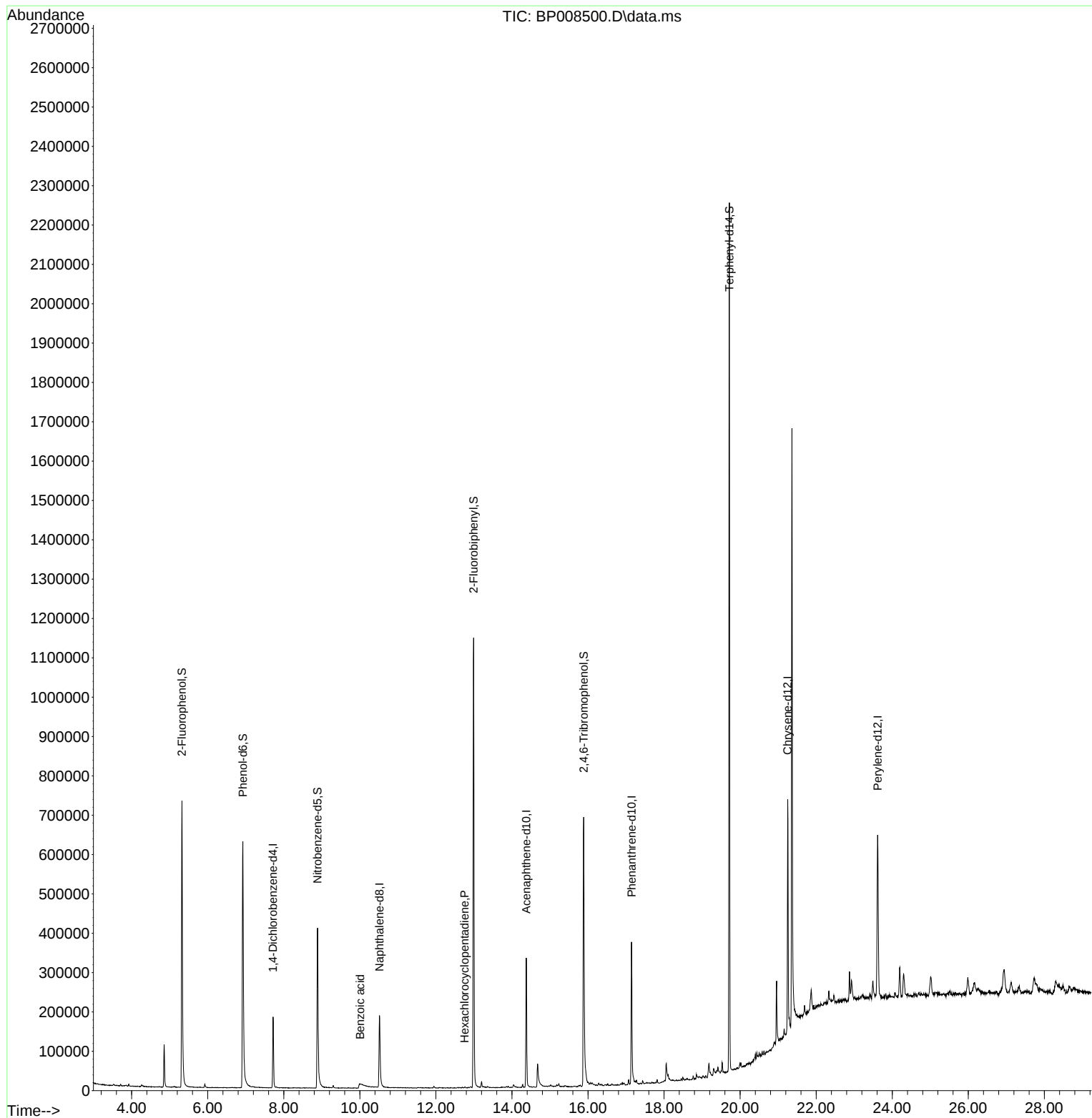
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	45795	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	175253	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	115047	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	245028	20.000	ng	0.00
76) Chrysene-d12	21.251	240	282427	20.000	ng	-0.01
86) Perylene-d12	23.616	264	332747	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	318585	109.864	ng	0.00
7) Phenol-d6	6.922	99	415947	106.800	ng	0.00
23) Nitrobenzene-d5	8.887	82	286403	69.234	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	163193	96.524	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	607139	67.085	ng	-0.01
79) Terphenyl-d14	19.716	244	1038905	64.020	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.223	88	112	Below Cal	#	78
9) Benzaldehyde	6.852	77	67	Below Cal	#	37
32) Benzoic acid	10.005	122	3993	2.214	ng	# 87
41) Hexachlorocyclopentadiene	12.751	237	18	8.665	ng	76

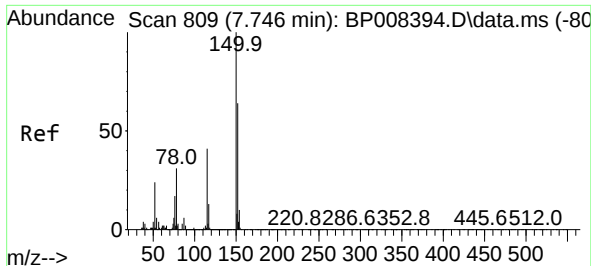
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
Data File : BP008500.D
Acq On : 18 Dec 2021 21:30
Operator : CG/JU
Sample : M5018-49RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 20 00:54:43 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

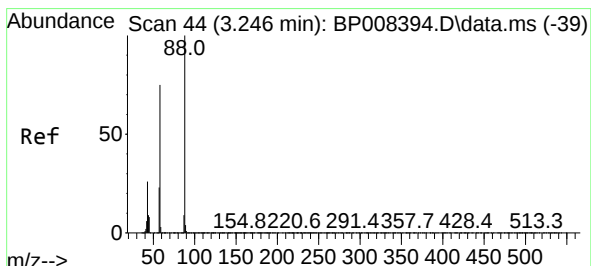
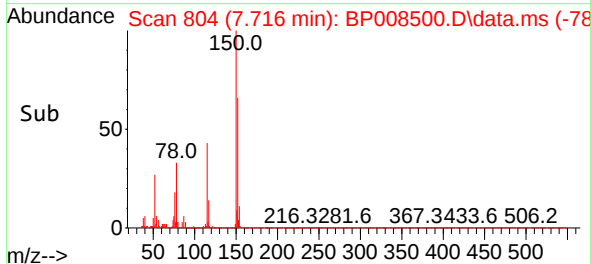
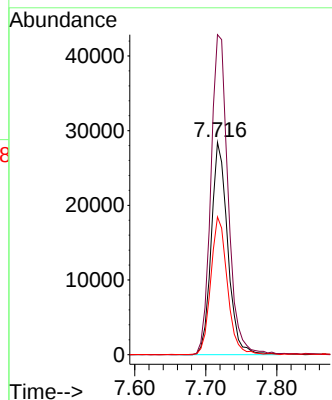
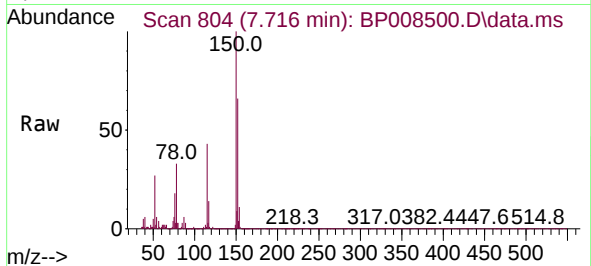




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008500.D
 Acq: 18 Dec 2021 21:30

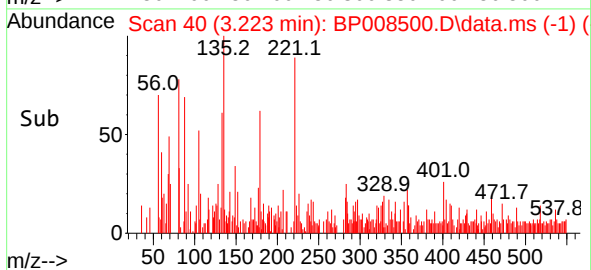
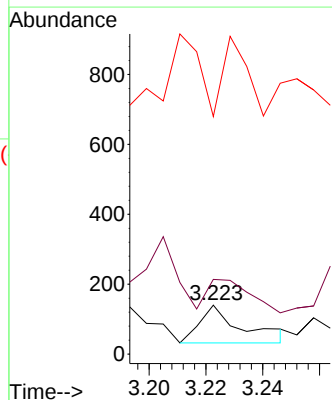
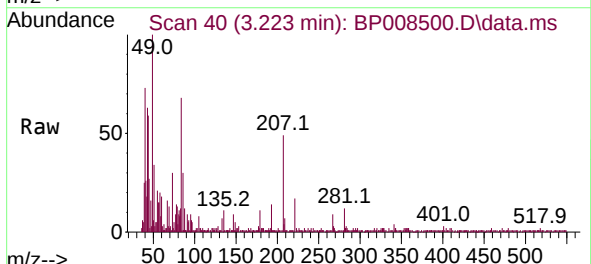
Instrument :
 BNA_P
 ClientSampleId :

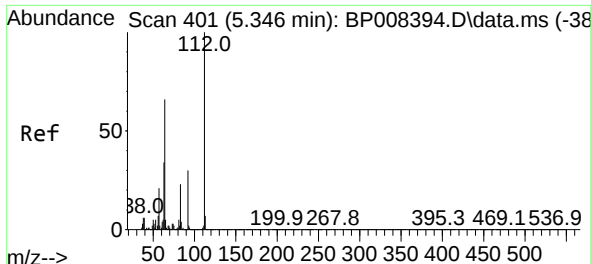
Tgt Ion:152 Resp: 45795
 Ion Ratio Lower Upper
 152 100
 150 150.7 125.7 188.5
 115 64.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.223 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BP008500.D
 Acq: 18 Dec 2021 21:30

Tgt Ion: 88 Resp: 112
 Ion Ratio Lower Upper
 88 100
 58 88.4 63.5 95.3
 43 0.0 23.4 35.2#

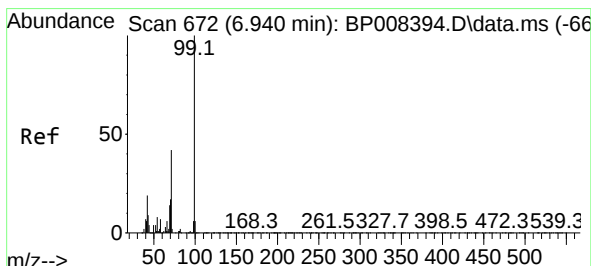
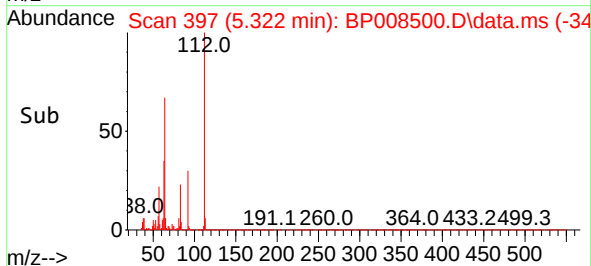
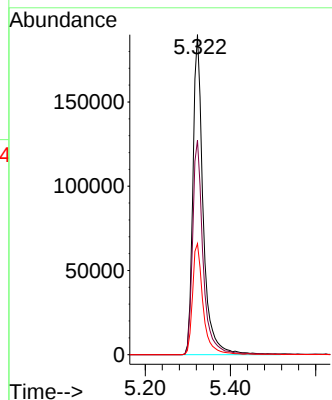
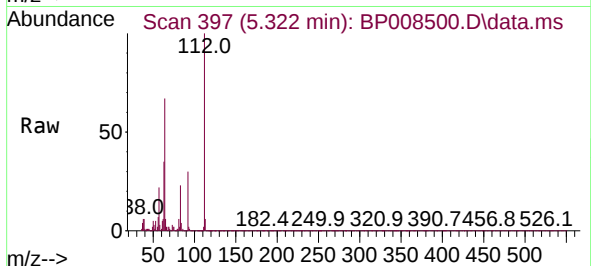




#5
2-Fluorophenol
Concen: 109.864 ng
RT: 5.322 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

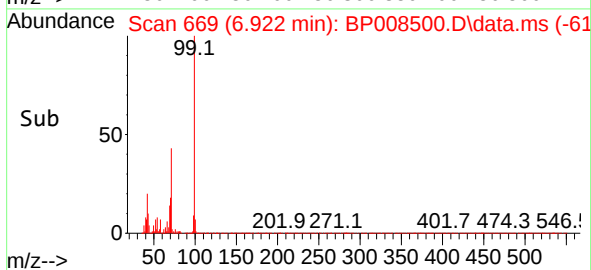
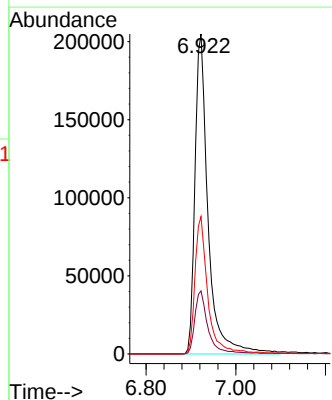
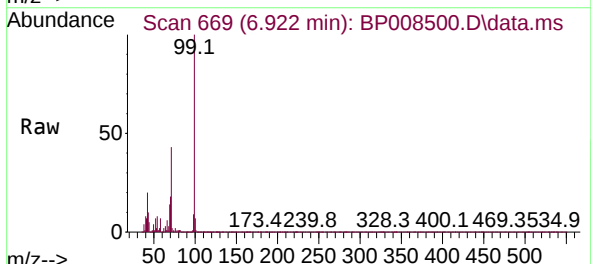
Instrument :
BNA_P
ClientSampleId :

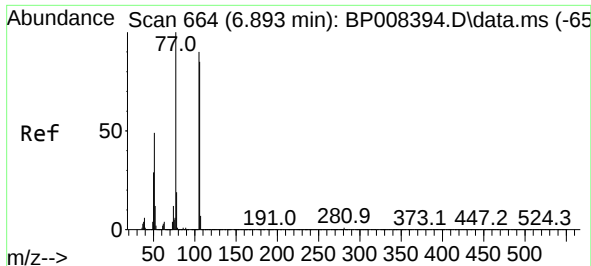
Tgt Ion:112 Resp: 318585
Ion Ratio Lower Upper
112 100
64 67.0 53.4 80.2
63 34.7 27.8 41.8



#7
Phenol-d6
Concen: 106.800 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion: 99 Resp: 415947
Ion Ratio Lower Upper
99 100
42 19.7 14.6 22.0
71 43.0 31.1 46.7

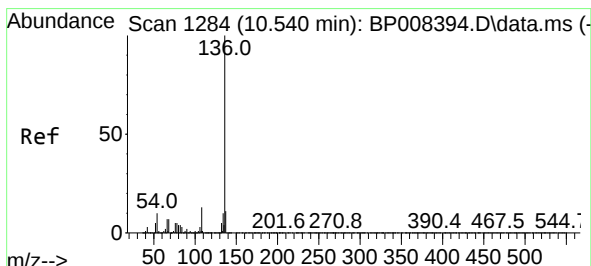
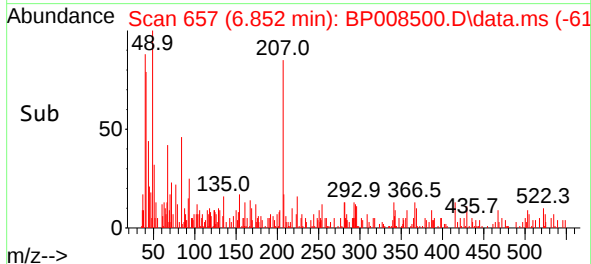
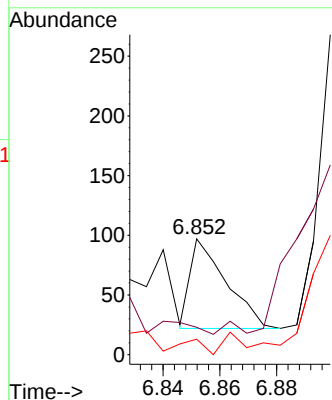
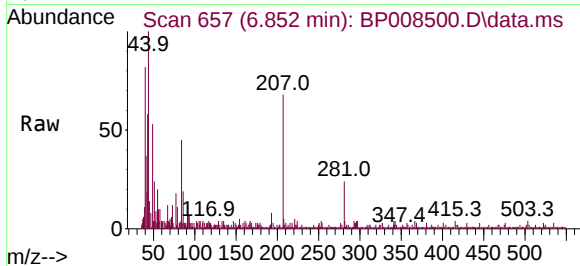




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

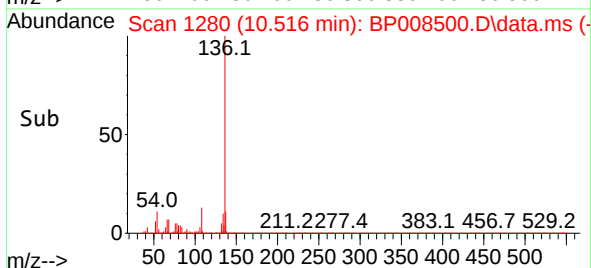
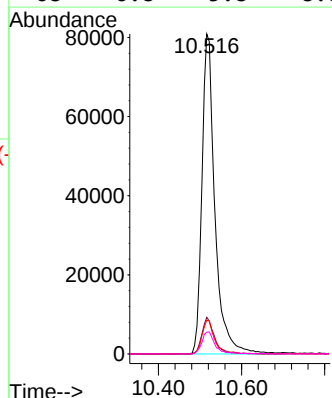
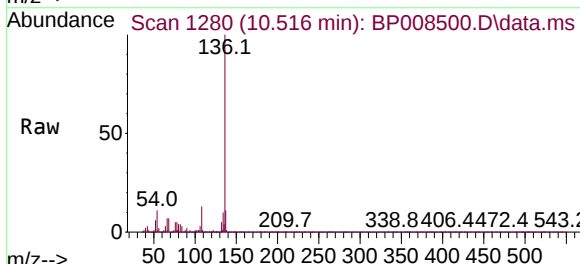
Instrument :
BNA_P
ClientSampleId :

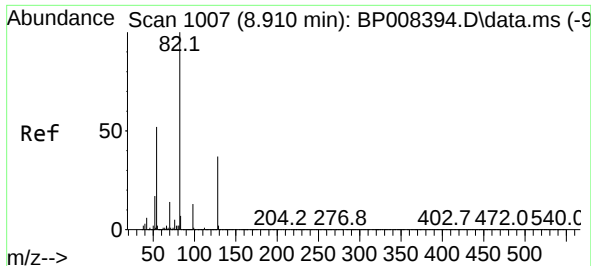
Tgt Ion: 77 Resp: 67
Ion Ratio Lower Upper
77 100
105 23.7 71.8 111.8#
106 38.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion:136 Resp: 175253
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 10.6 8.2 12.4
68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 69.234 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

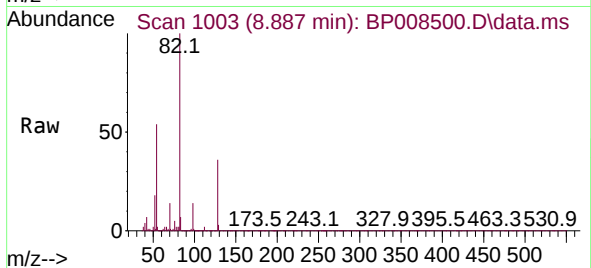
Lab File: BP008500.D

Acq: 18 Dec 2021 21:30

Instrument :

BNA_P

ClientSampleId :



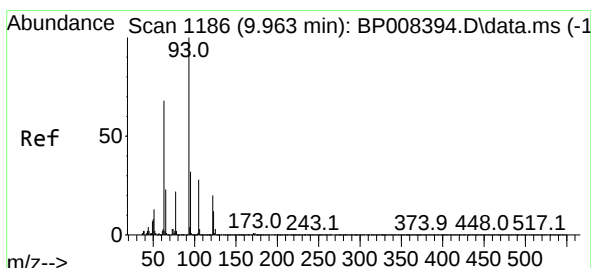
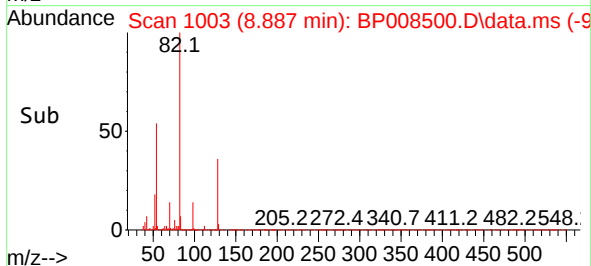
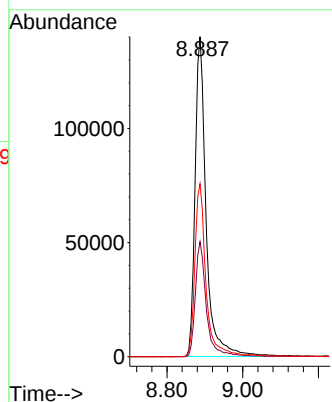
Tgt Ion: 82 Resp: 286403

Ion Ratio Lower Upper

82 100

128 35.9 29.6 44.4

54 54.1 42.7 64.1



#32

Benzoic acid

Concen: 2.214 ng

RT: 10.005 min Scan# 1193

Delta R.T. 0.053 min

Lab File: BP008500.D

Acq: 18 Dec 2021 21:30

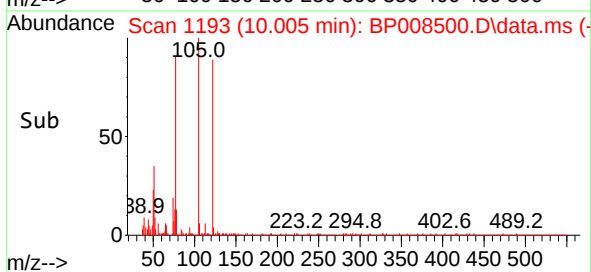
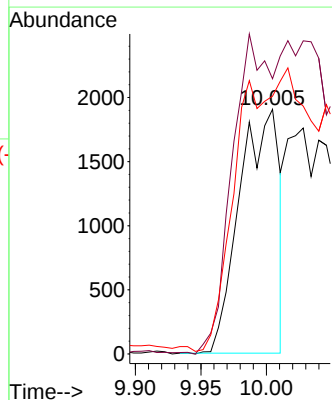
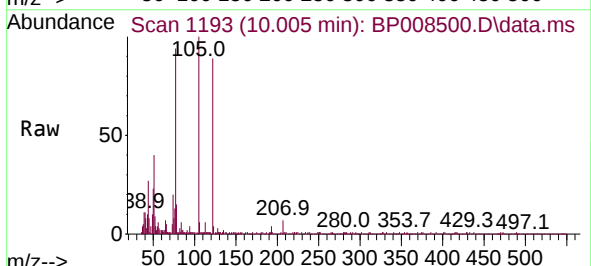
Tgt Ion: 122 Resp: 3993

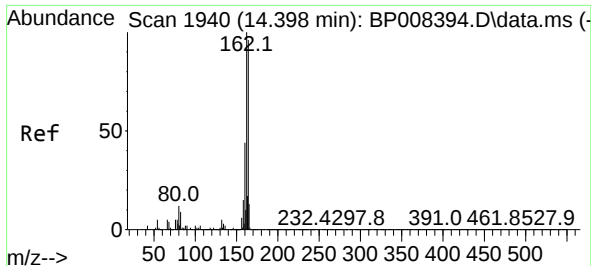
Ion Ratio Lower Upper

122 100

105 112.5 117.4 157.4#

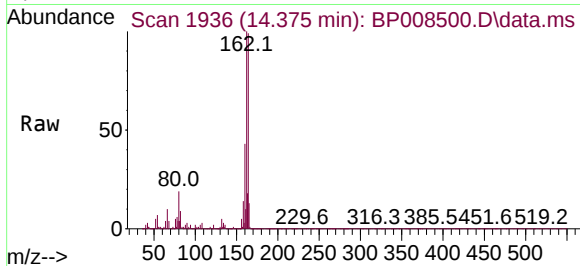
77 105.4 89.2 129.2



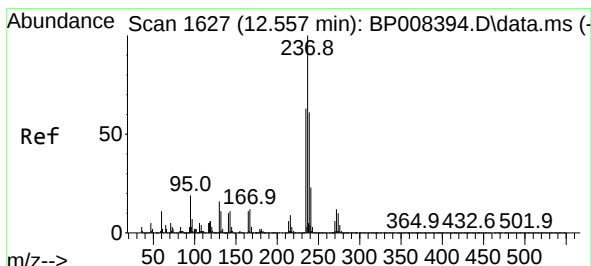
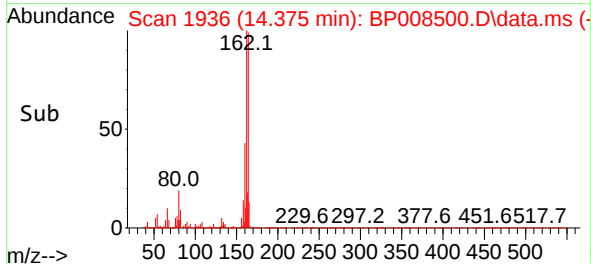
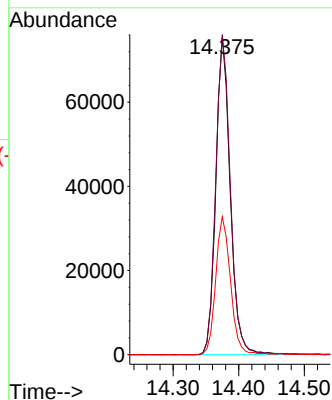


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Instrument :
BNA_P
ClientSampleId :

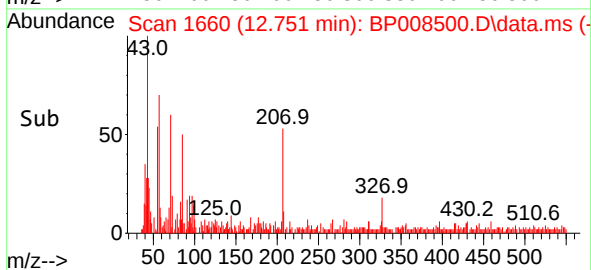
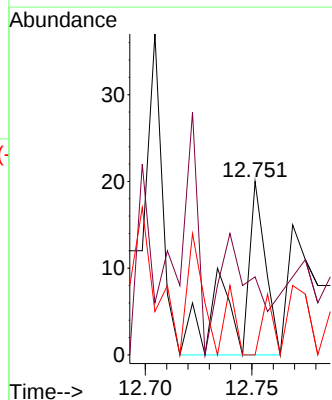
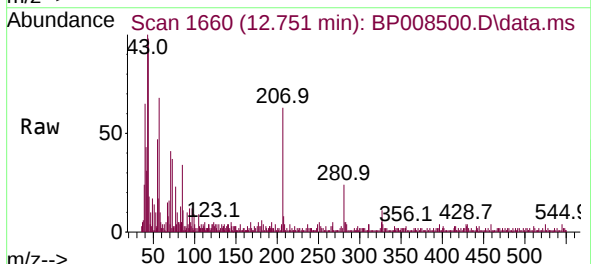


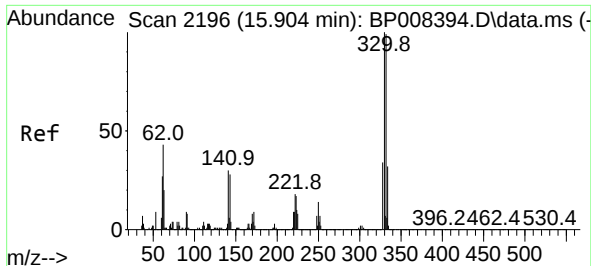
Tgt Ion:164 Resp: 115047
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 43.4 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.665 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.212 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

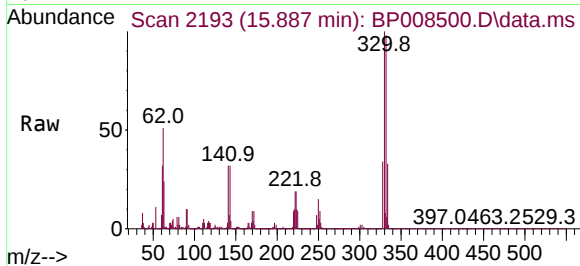
Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 45.0 42.3 82.3
272 0.0 0.0 32.2



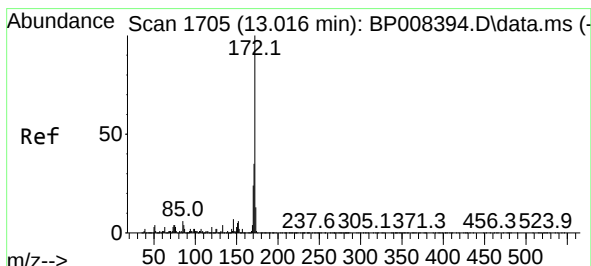
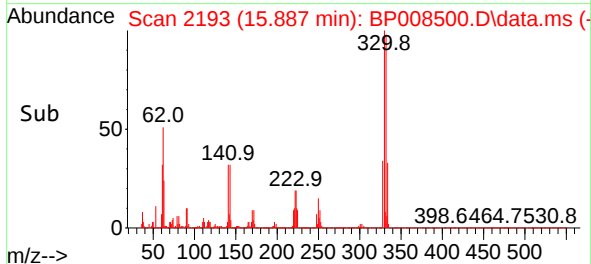
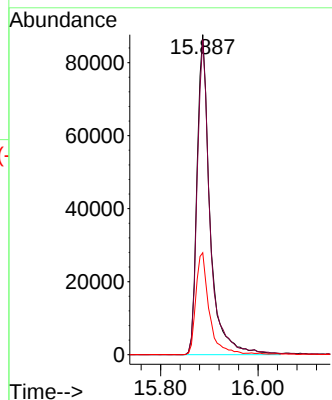


#42
2,4,6-Tribromophenol
Concen: 96.524 ng
RT: 15.887 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Instrument :
BNA_P
ClientSampleId :

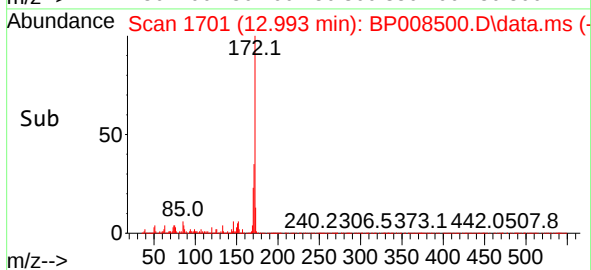
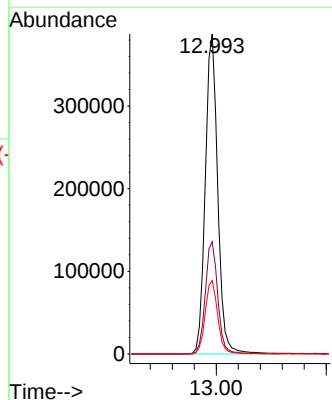
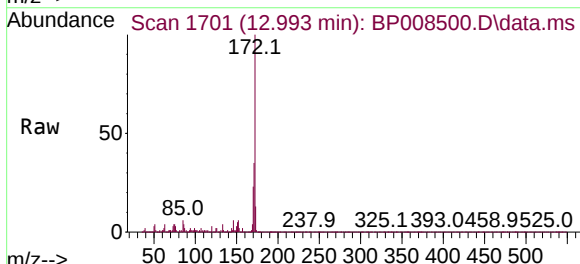


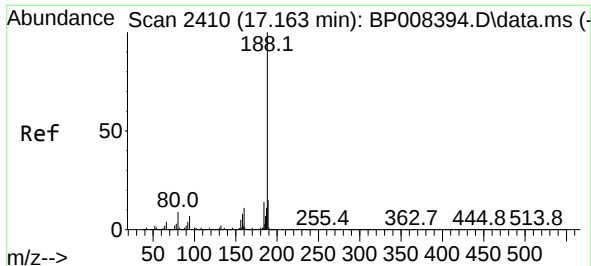
Tgt Ion:330 Resp: 163193
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.4
141 32.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 67.085 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion:172 Resp: 607139
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.9 28.3

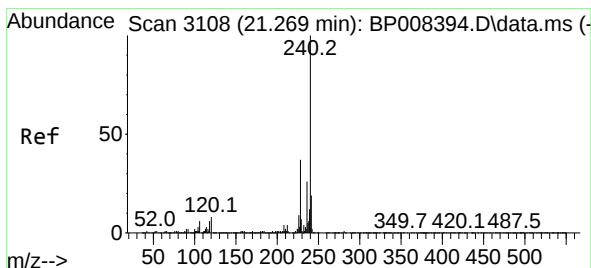
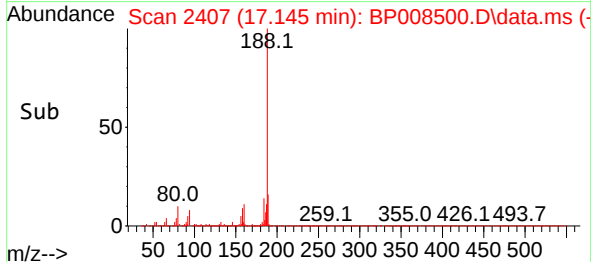
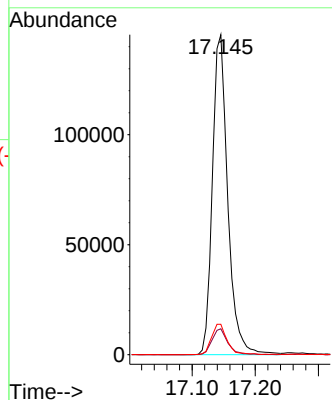
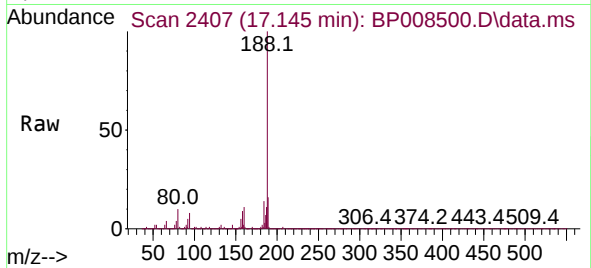




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

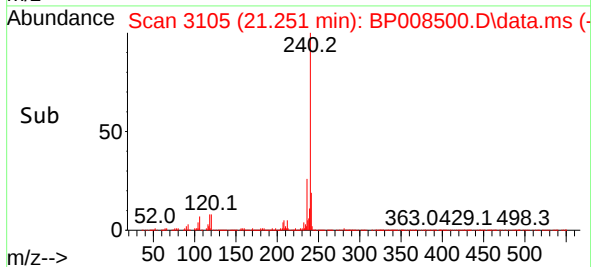
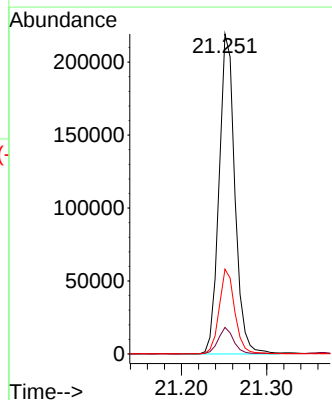
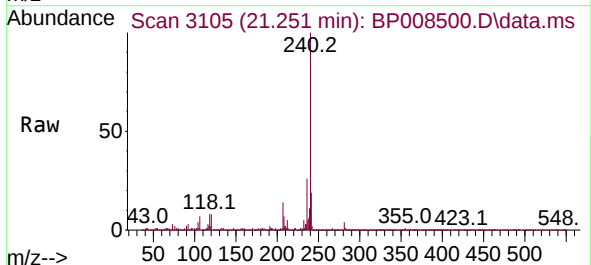
Instrument :
BNA_P
ClientSampleId :

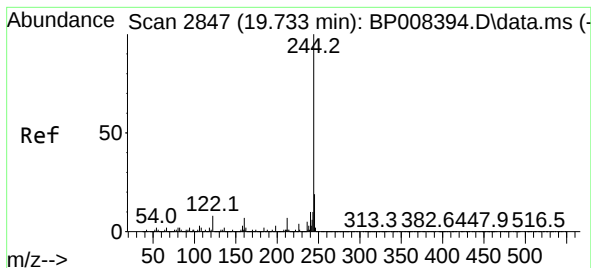
Tgt Ion:188 Resp: 245028
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP008500.D
Acq: 18 Dec 2021 21:30

Tgt Ion:240 Resp: 282427
Ion Ratio Lower Upper
240 100
120 8.3 7.3 10.9
236 26.5 21.4 32.2





#79

Terphenyl-d14

Concen: 64.020 ng

RT: 19.716 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP008500.D

Acq: 18 Dec 2021 21:30

Instrument :

BNA_P

ClientSampleId :

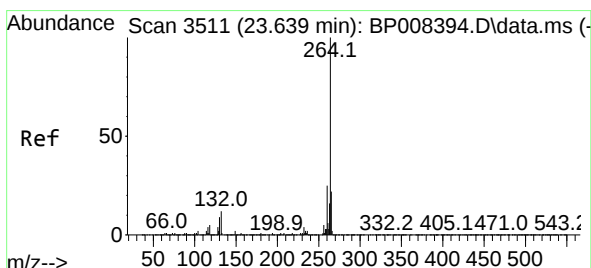
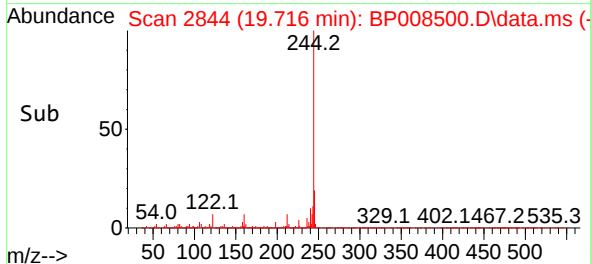
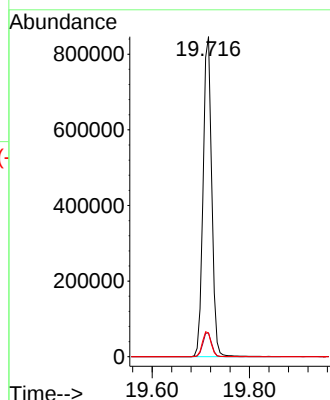
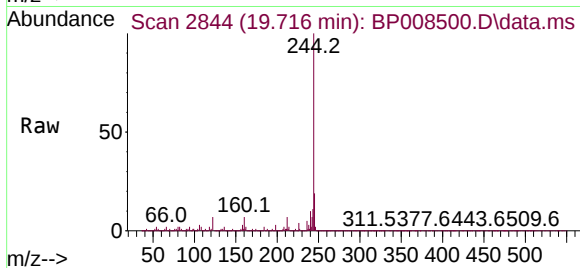
Tgt Ion:244 Resp: 1038905

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.4 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.616 min Scan# 3507

Delta R.T. -0.018 min

Lab File: BP008500.D

Acq: 18 Dec 2021 21:30

Tgt Ion:264 Resp: 332747

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.7 17.6 26.4

