

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008232.D
 Acq On : 06 Dec 2021 17:02
 Operator : CG/JU
 Sample : M4927-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 07 05:10:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

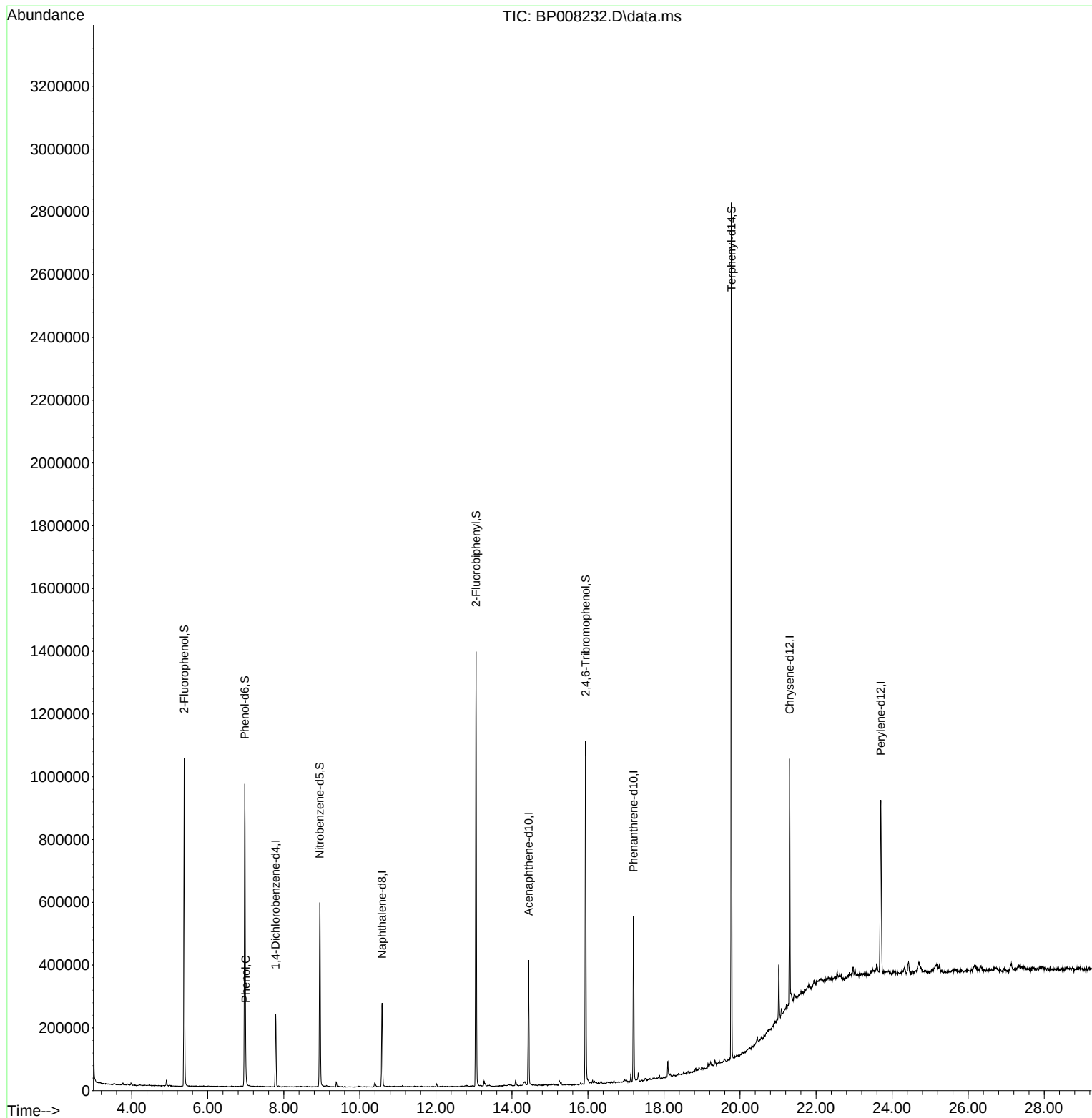
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	60107	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	215040	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	139843	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	315557	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	379420	20.000	ng	-0.01
86) Perylene-d12	23.704	264	431802	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	402806	107.900	ng	0.00
7) Phenol-d6	6.975	99	527288	104.632	ng	-0.01
23) Nitrobenzene-d5	8.946	82	351439	74.317	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	211507	118.330	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	689024	71.568	ng	-0.01
79) Terphenyl-d14	19.774	244	1257247	69.252	ng	0.00
Target Compounds						
9) Benzaldehyde	6.916	77	188	Below Cal	#	17
10) Phenol	6.999	94	11107	2.145 ng	#	63
78) Pyrene	19.574	202	3836	Below Cal	#	87

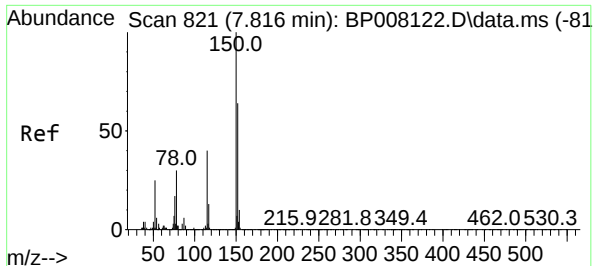
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

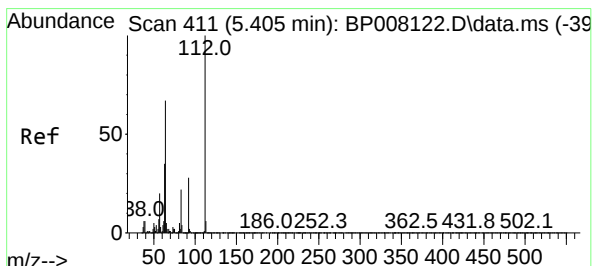
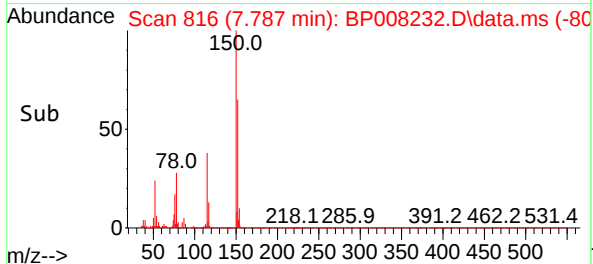
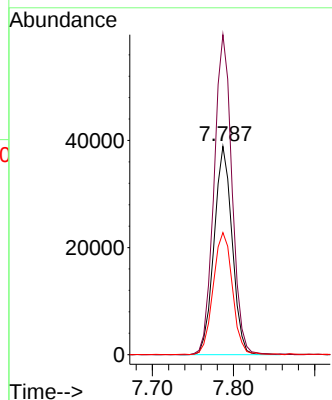
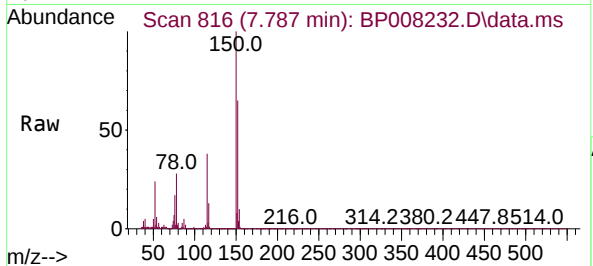




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

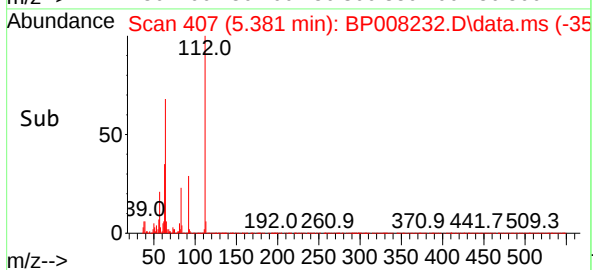
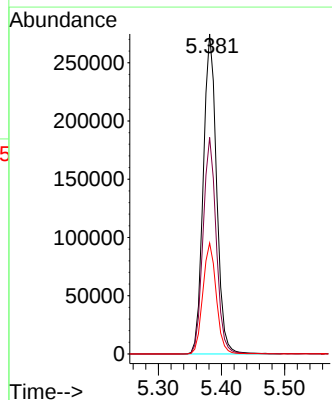
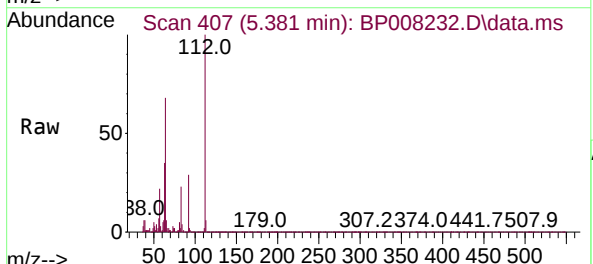
Instrument :
BNA_P
ClientSampleId :

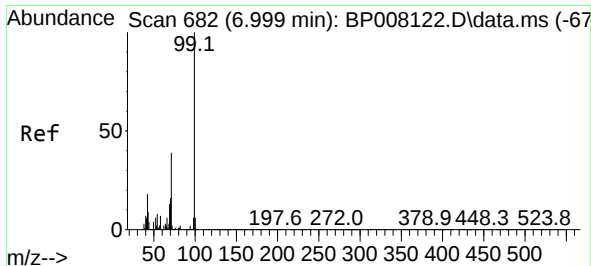
Tgt Ion:152 Resp: 60107
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 58.6 50.7 76.1



#5
2-Fluorophenol
Concen: 107.900 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

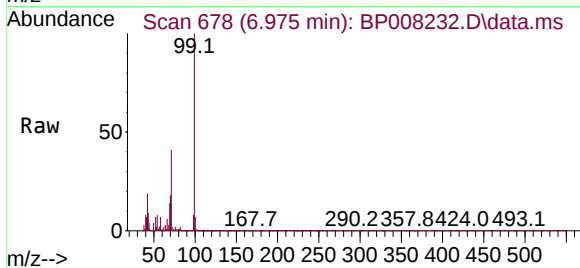
Tgt Ion:112 Resp: 402806
Ion Ratio Lower Upper
112 100
64 67.7 53.4 80.2
63 34.6 27.8 41.8



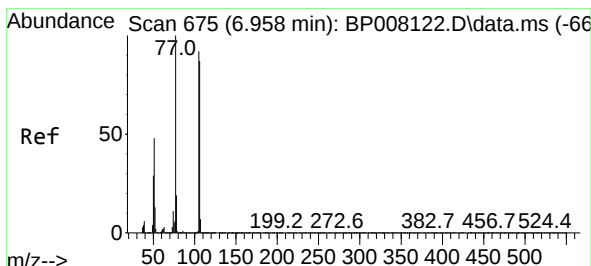
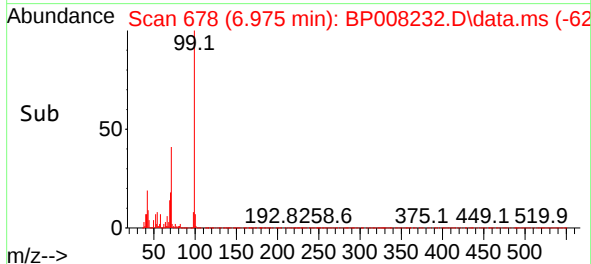
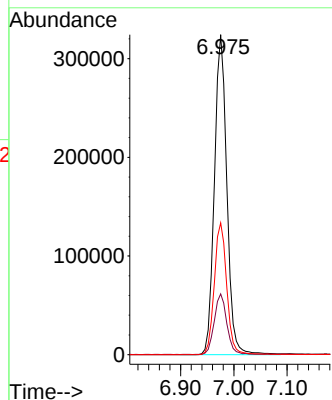


#7
Phenol-d6
Concen: 104.632 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

Instrument :
BNA_P
ClientSampleId :

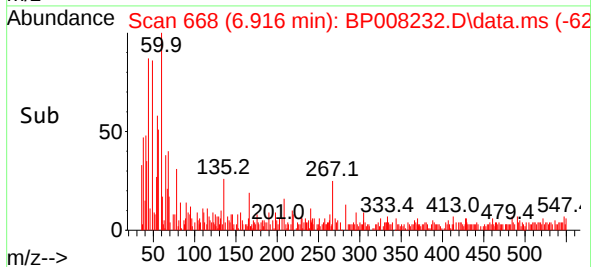
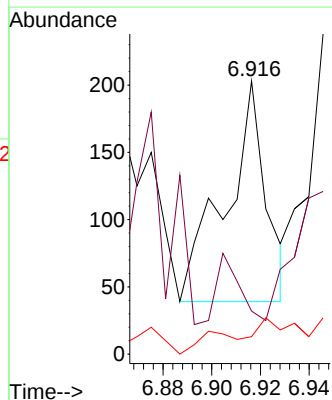
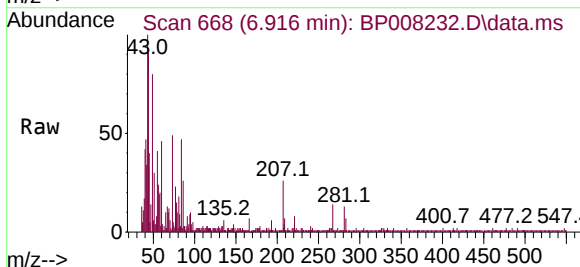


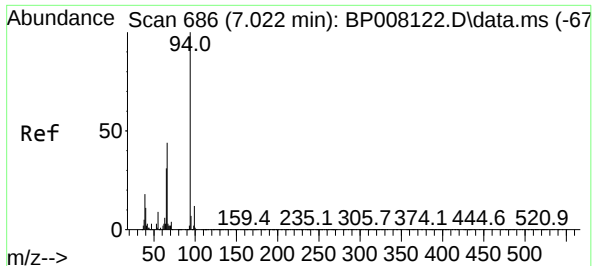
Tgt Ion: 99 Resp: 527288
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 41.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.916 min Scan# 668
Delta R.T. -0.024 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

Tgt Ion: 77 Resp: 188
Ion Ratio Lower Upper
77 100
105 15.8 71.8 111.8#
106 6.4 67.3 107.3#

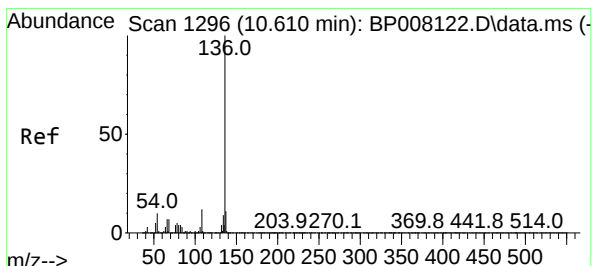
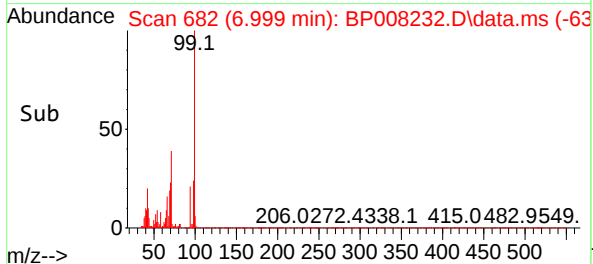
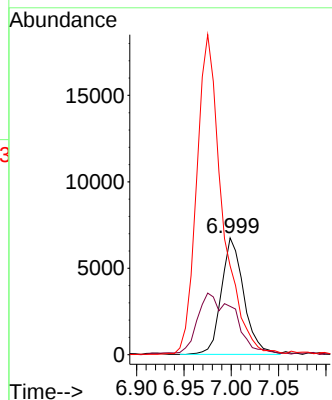
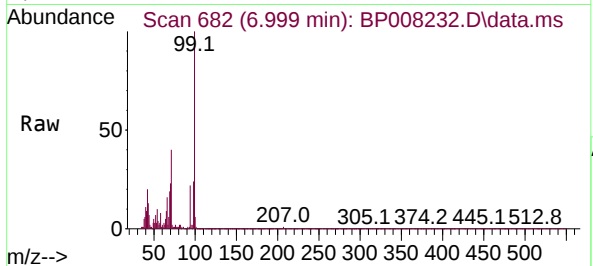




#10
Phenol
Concen: 2.145 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

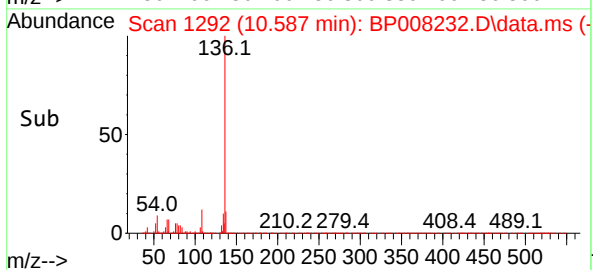
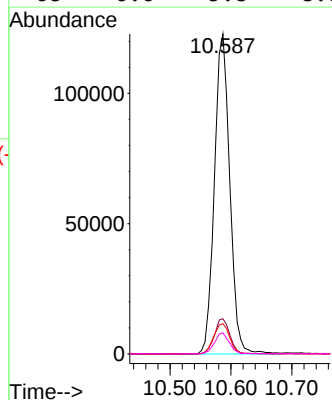
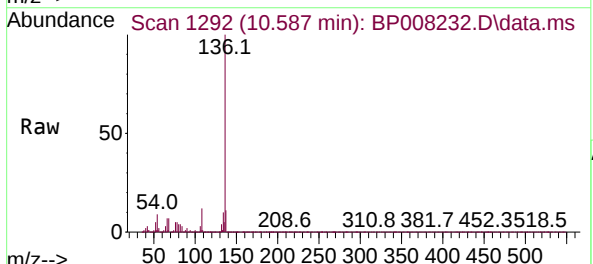
Instrument :
BNA_P
ClientSampleId :

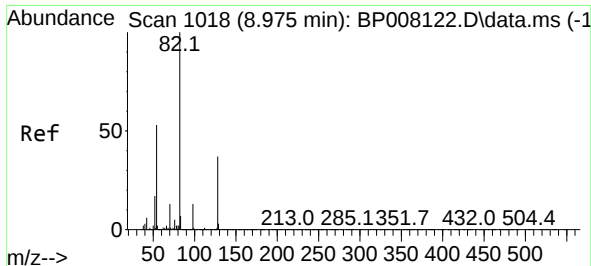
Tgt Ion: 94 Resp: 11107
Ion Ratio Lower Upper
94 100
65 41.4 10.9 50.9
66 76.0 24.3 64.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

Tgt Ion:136 Resp: 215040
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.4 8.2 12.4
68 6.6 5.8 8.8

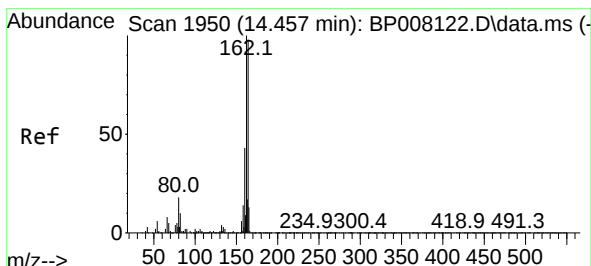
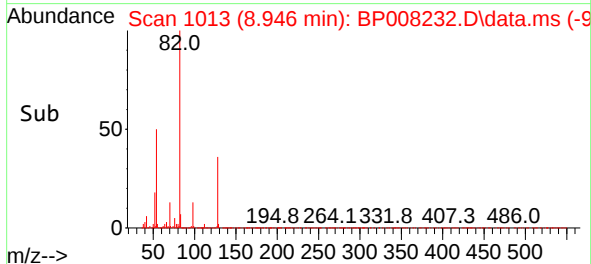
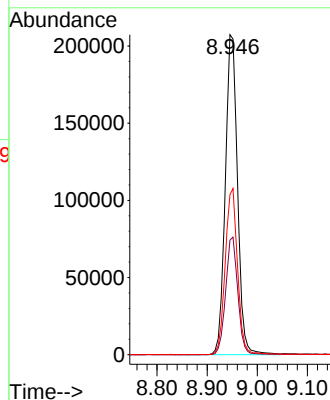
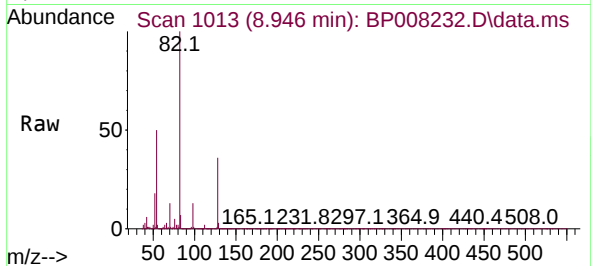




#23
Nitrobenzene-d5
Concen: 74.317 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

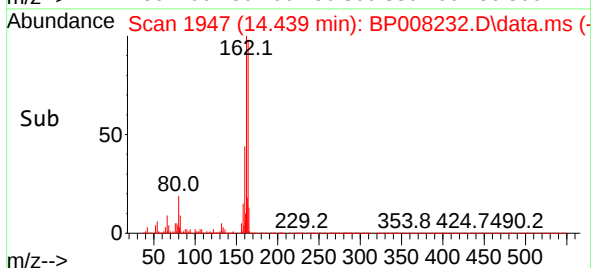
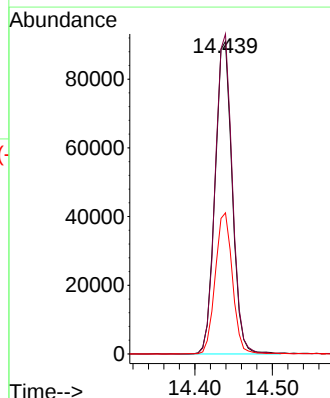
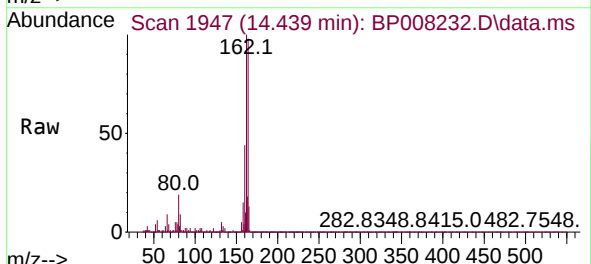
Instrument :
BNA_P
ClientSampleId :

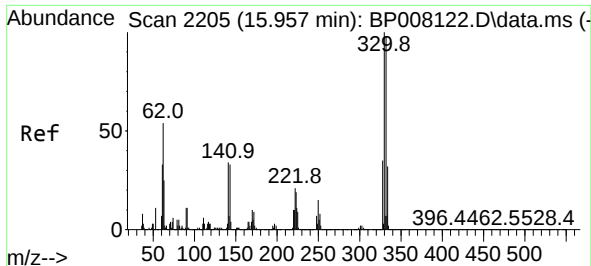
Tgt Ion: 82 Resp: 351439
Ion Ratio Lower Upper
82 100
128 35.8 29.6 44.4
54 50.0 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

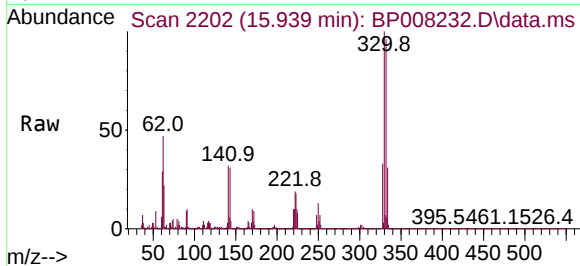
Tgt Ion:164 Resp: 139843
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 45.1 35.4 53.0



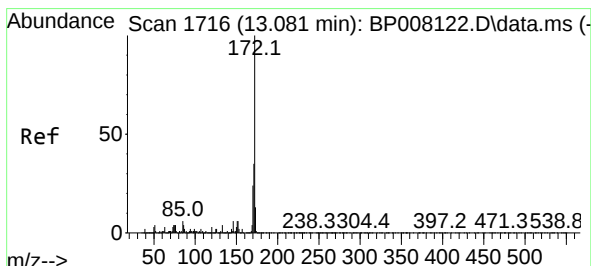
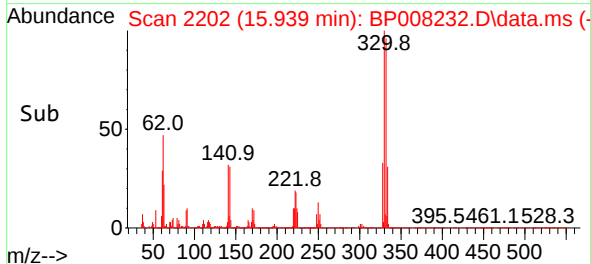
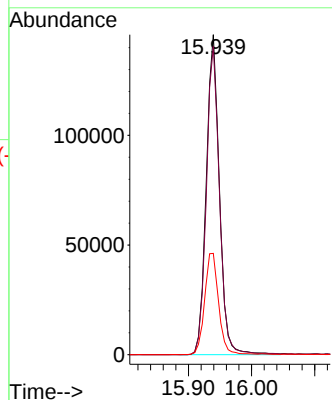


#42
2,4,6-Tribromophenol
Concen: 118.330 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

Instrument :
BNA_P
ClientSampleId :

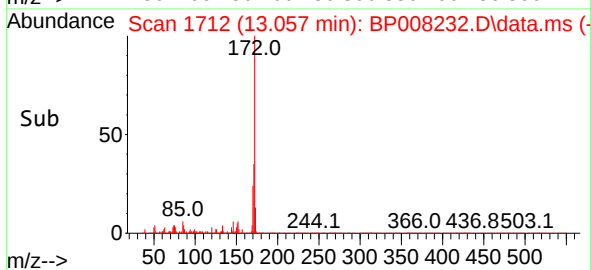
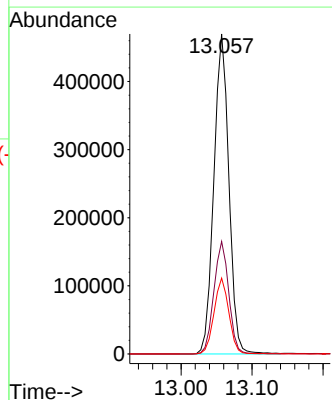
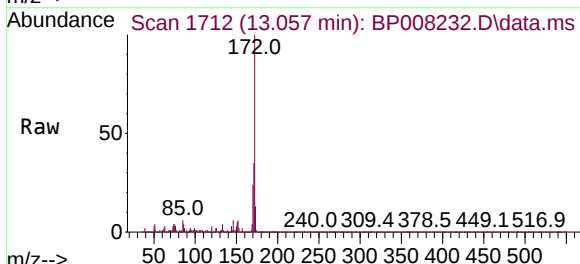


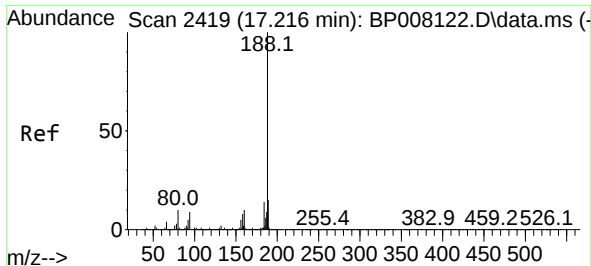
Tgt Ion:330 Resp: 211507
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 33.6 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 71.568 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

Tgt Ion:172 Resp: 689024
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.7 18.9 28.3

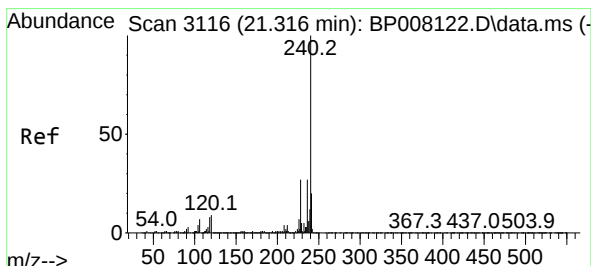
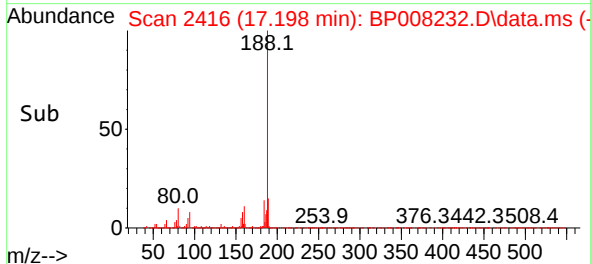
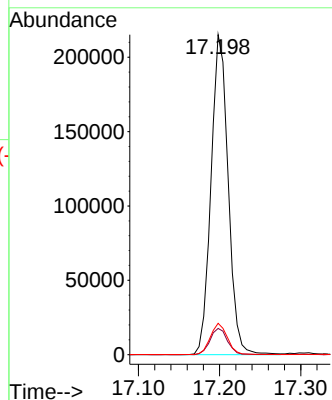
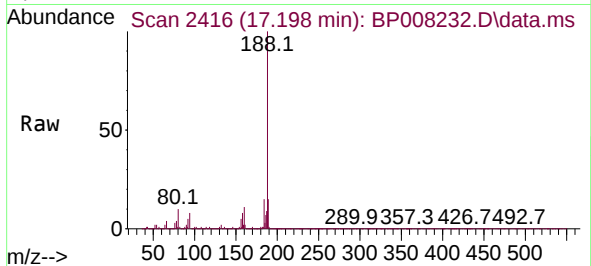




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

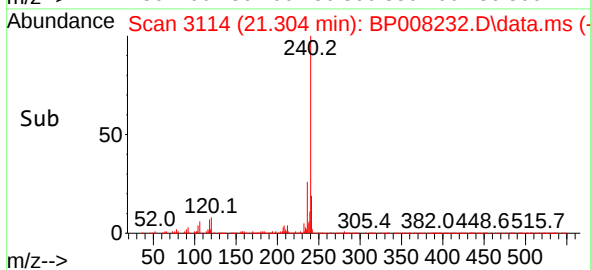
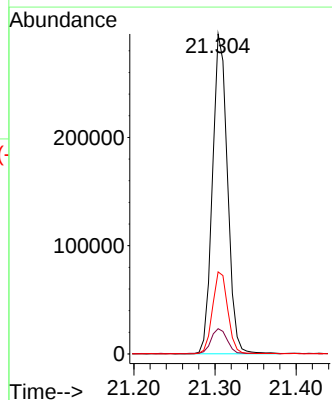
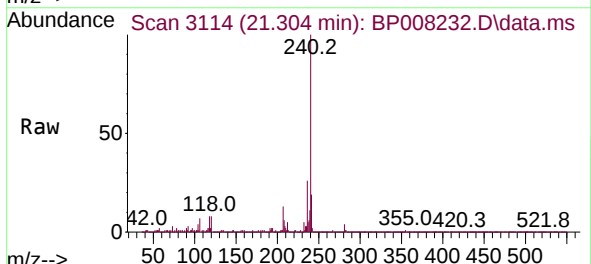
Instrument :
BNA_P
ClientSampleId :

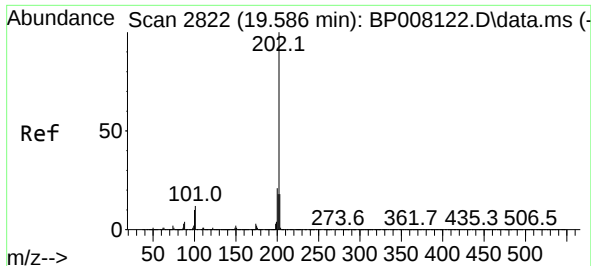
Tgt Ion:188 Resp: 315557
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008232.D
Acq: 06 Dec 2021 17:02

Tgt Ion:240 Resp: 379420
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 25.6 21.4 32.2

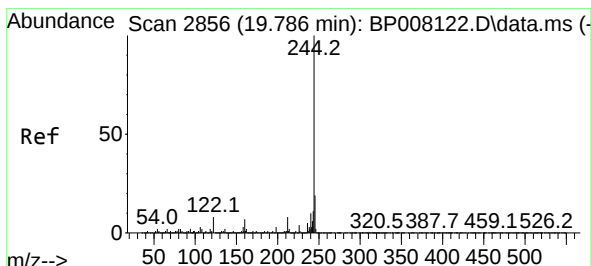
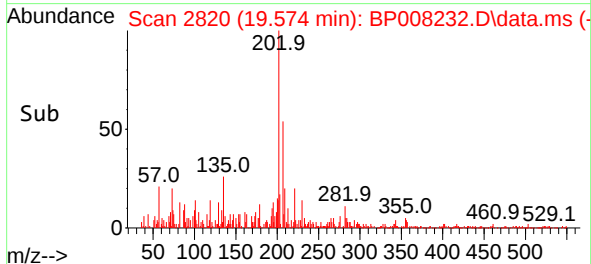
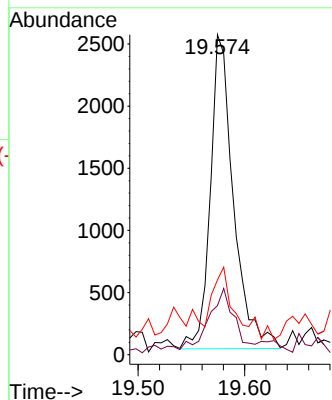
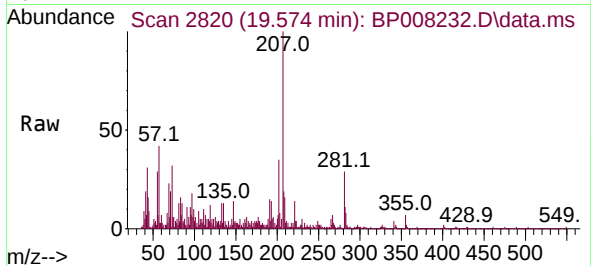




#78
 Pyrene
 Concen: Below Cal
 RT: 19.574 min Scan# 2820
 Delta R.T. -0.012 min
 Lab File: BP008232.D
 Acq: 06 Dec 2021 17:02

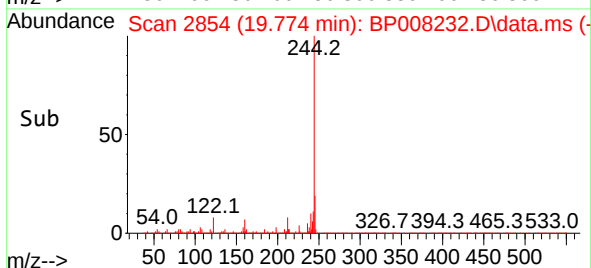
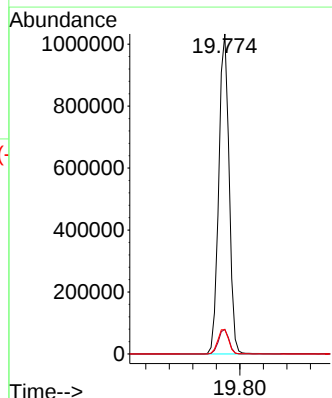
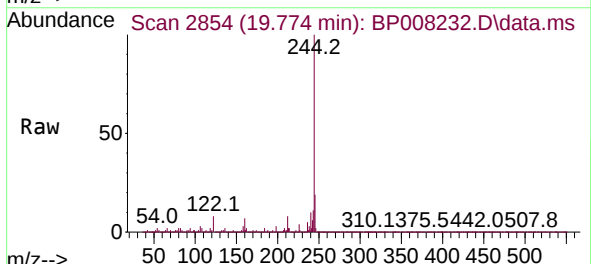
Instrument :
 BNA_P
 ClientSampleId :

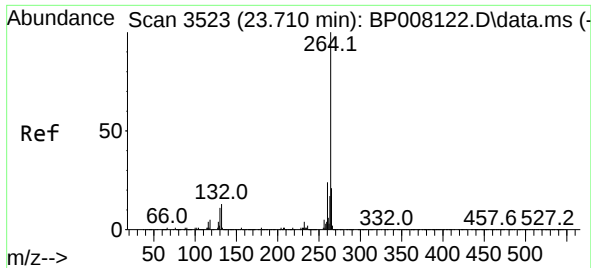
Tgt Ion:202 Resp: 3836
 Ion Ratio Lower Upper
 202 100
 200 15.4 17.1 25.7#
 203 23.3 14.2 21.2#



#79
 Terphenyl-d14
 Concen: 69.252 ng
 RT: 19.774 min Scan# 2854
 Delta R.T. -0.006 min
 Lab File: BP008232.D
 Acq: 06 Dec 2021 17:02

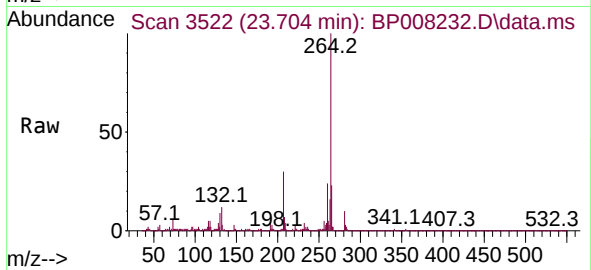
Tgt Ion:244 Resp: 1257247
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.6 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008232.D
 Acq: 06 Dec 2021 17:02

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 431802
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.8 17.6 26.4

