

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008230.D
 Acq On : 06 Dec 2021 15:54
 Operator : CG/JU
 Sample : M4927-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 17:16:07 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)

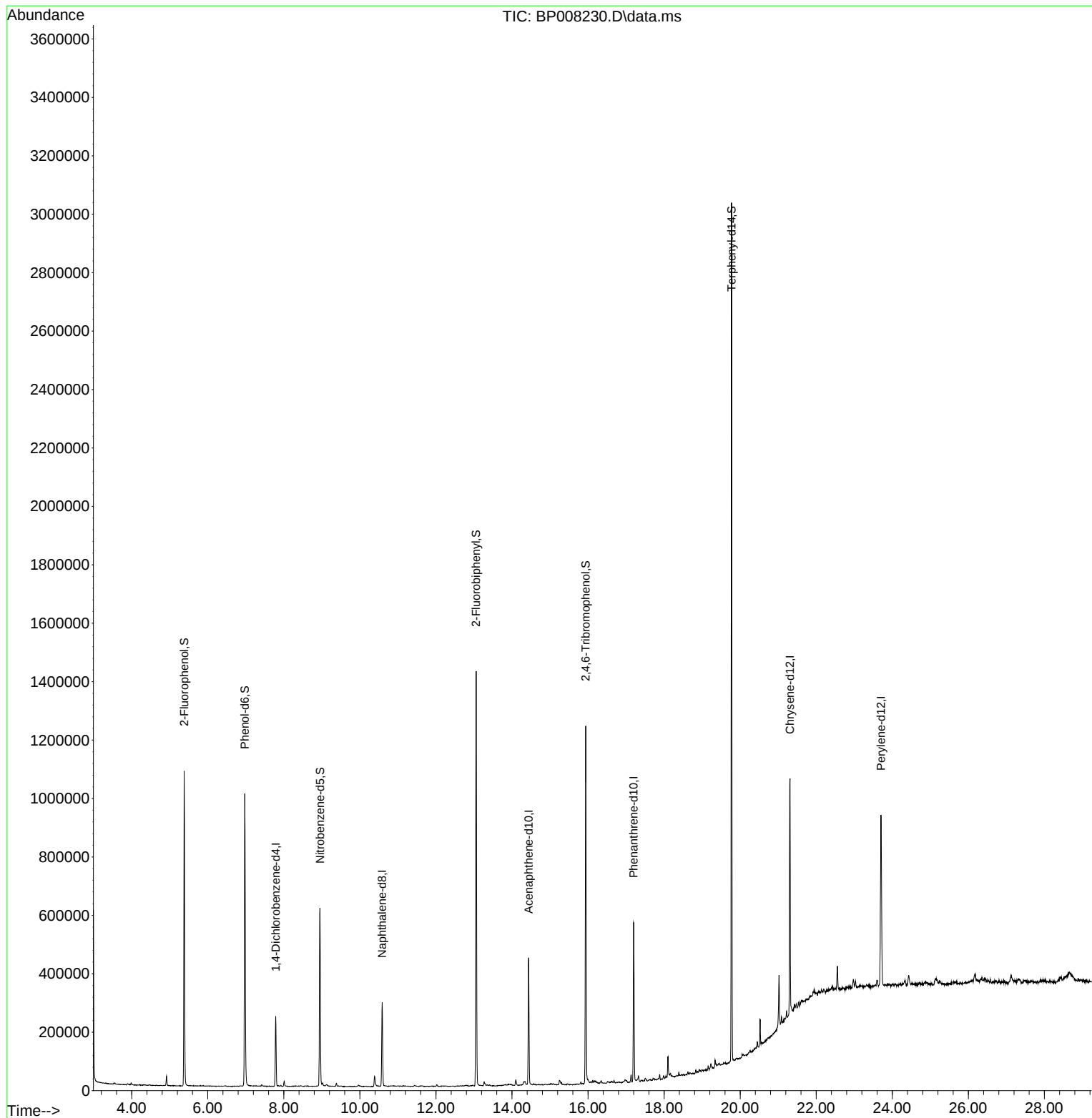
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	60366	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	225662	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	147919	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	330504	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	409729	20.000	ng	0.00
86) Perylene-d12	23.704	264	468874	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	410008	109.358	ng	0.00
7) Phenol-d6	6.975	99	544606	107.604	ng	-0.01
23) Nitrobenzene-d5	8.952	82	361979	72.942	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	227089	120.111	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	702199	68.955	ng	-0.01
79) Terphenyl-d14	19.775	244	1322294	67.447	ng	0.00
Target Compounds						
9) Benzaldehyde	6.928	77	80	Below Cal	#	42
78) Pyrene	19.575	202	2782	Below Cal	#	89

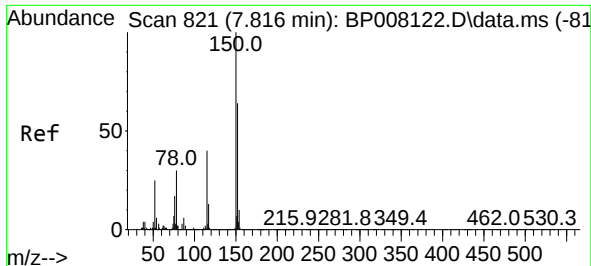
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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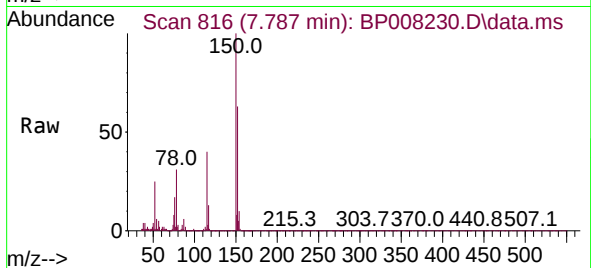
Quant Time: Dec 06 17:16:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration



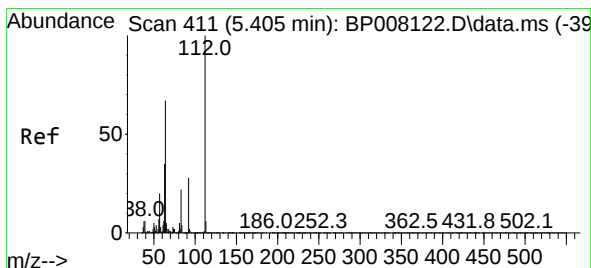
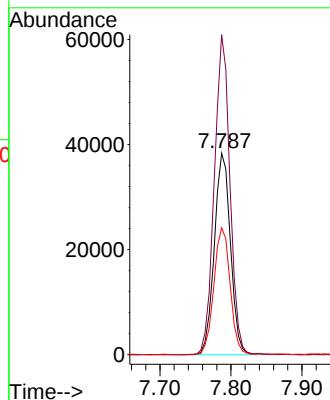
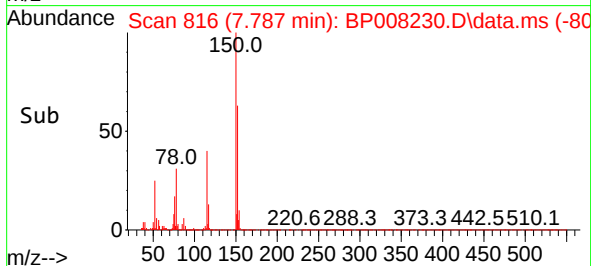


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Instrument :
BNA_P
ClientSampleId :

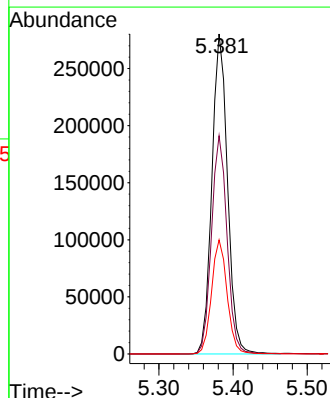
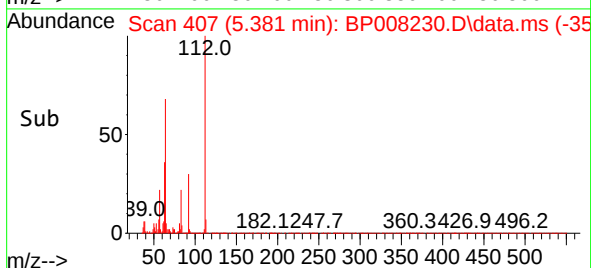
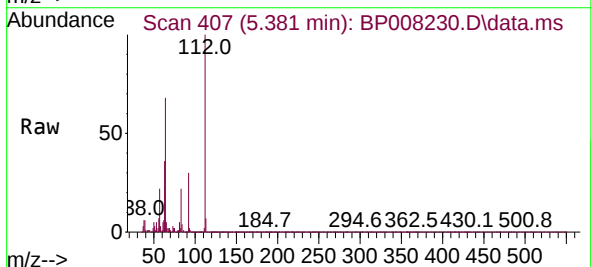


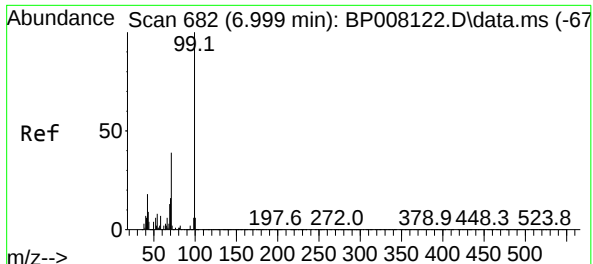
Tgt Ion:152 Resp: 60366
Ion Ratio Lower Upper
152 100
150 158.9 125.7 188.5
115 63.0 50.7 76.1



#5
2-Fluorophenol
Concen: 109.358 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

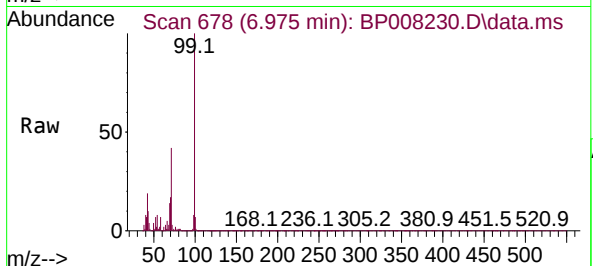
Tgt Ion:112 Resp: 410008
Ion Ratio Lower Upper
112 100
64 68.2 53.4 80.2
63 35.6 27.8 41.8



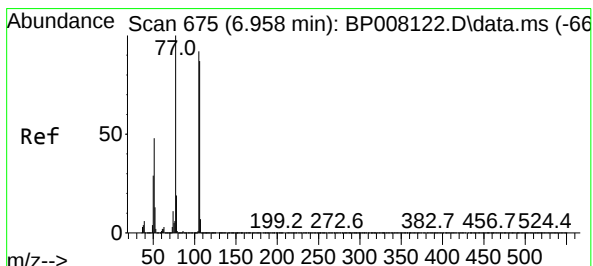
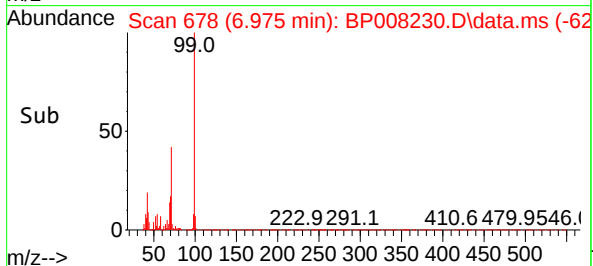
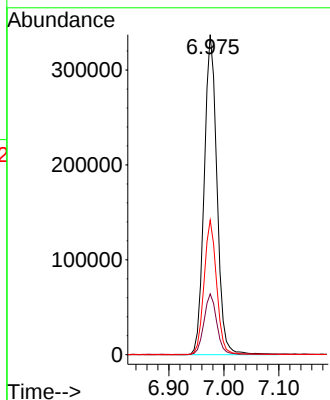


#7
Phenol-d6
Concen: 107.604 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Instrument :
BNA_P
ClientSampleId :

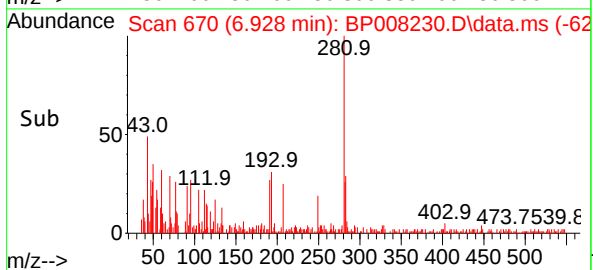
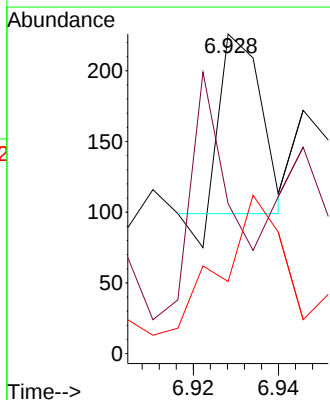
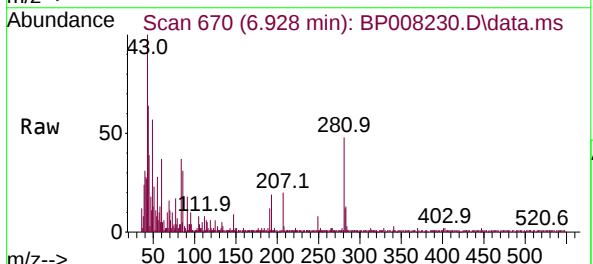


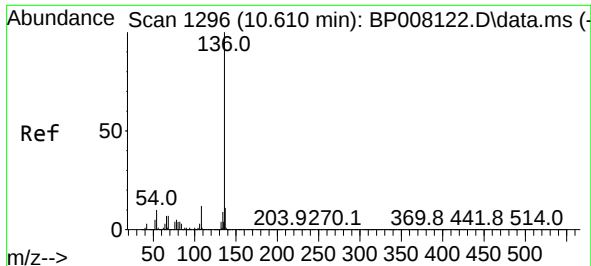
Tgt Ion: 99 Resp: 544606
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 42.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Tgt Ion: 77 Resp: 80
Ion Ratio Lower Upper
77 100
105 46.9 71.8 111.8#
106 22.6 67.3 107.3#

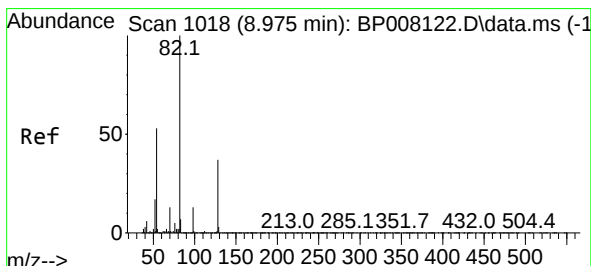
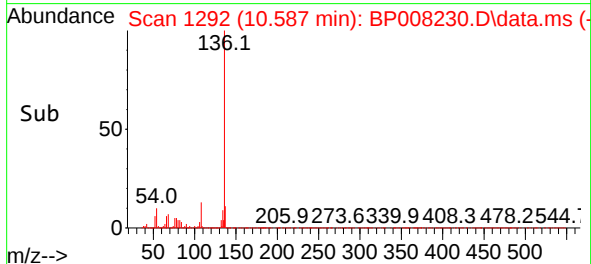
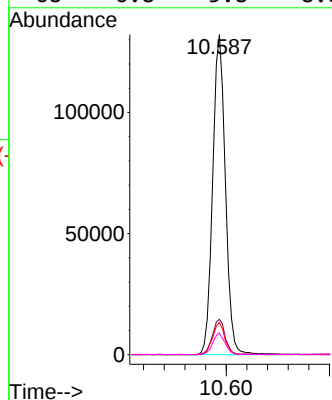
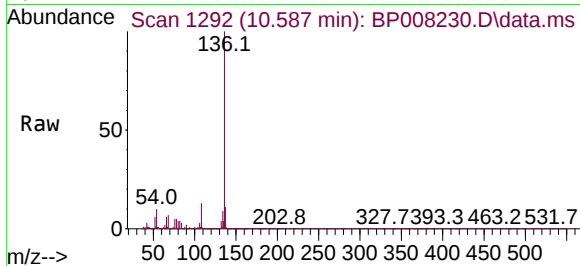




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

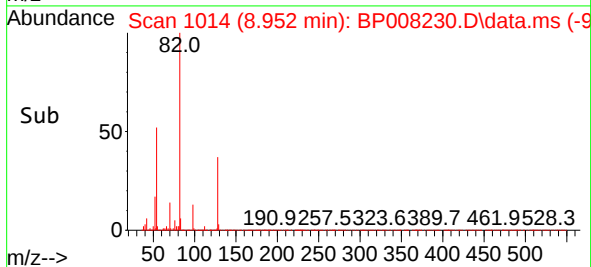
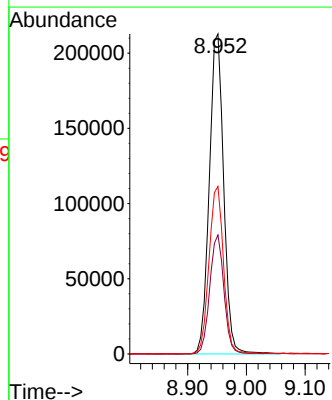
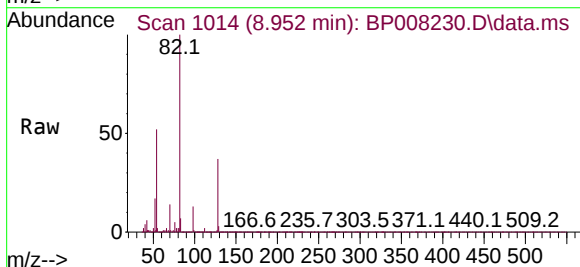
Instrument :
BNA_P
ClientSampleId :

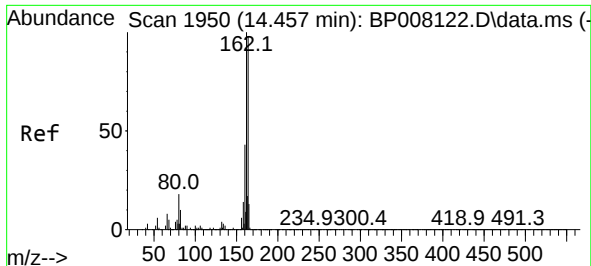
Tgt	Ion:136	Resp:	225662
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.1	8.2	12.4
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 72.942 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Tgt Ion: 82	Resp: 361979
Ion Ratio	Lower Upper
82 100	
128 37.2	29.6 44.4
54 52.4	42.7 64.1

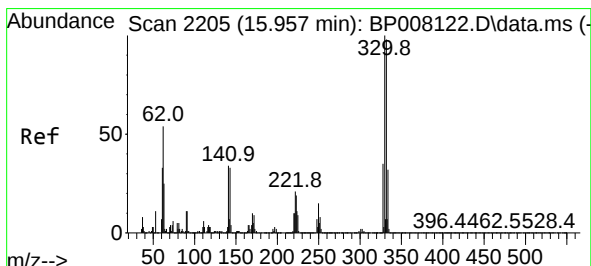
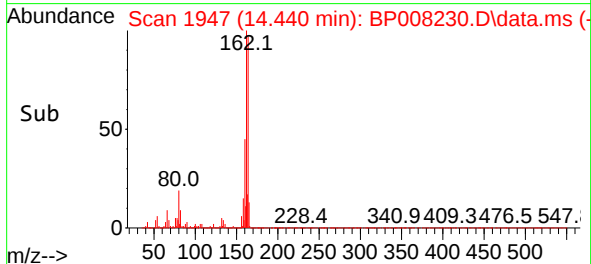
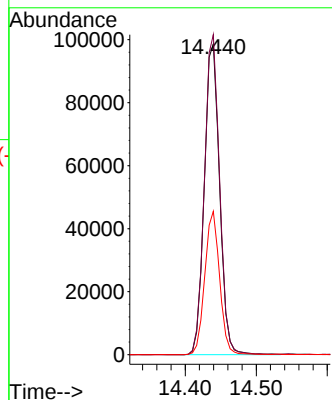
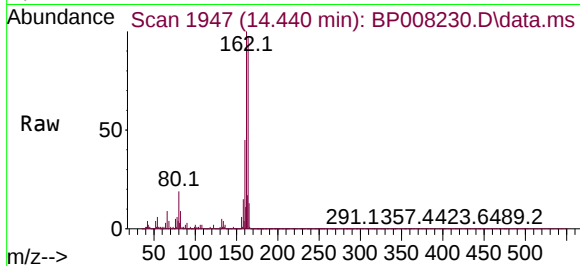




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

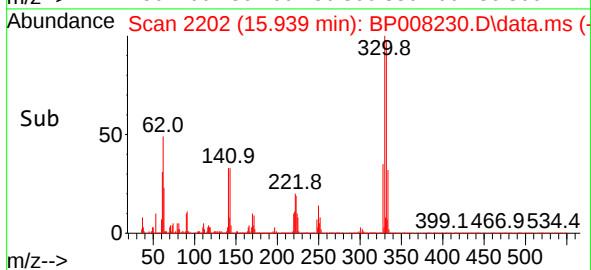
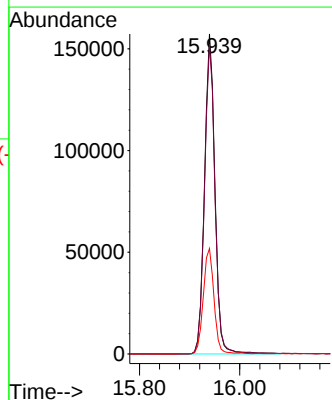
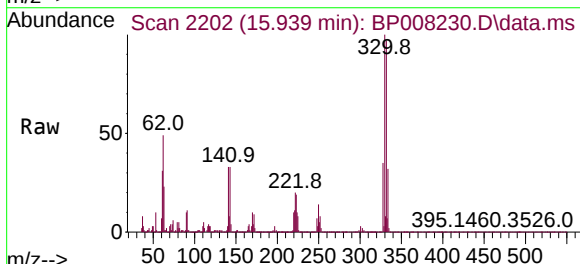
Instrument :
BNA_P
ClientSampleId :

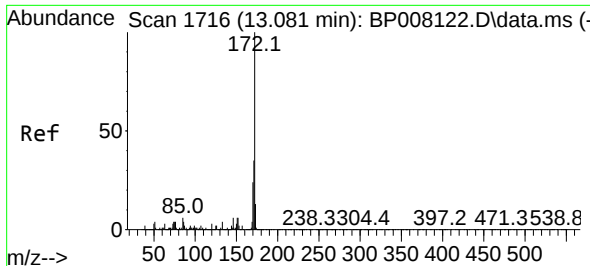
Tgt Ion:164 Resp: 147919
Ion Ratio Lower Upper
164 100
162 103.0 81.9 122.9
160 46.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 120.111 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

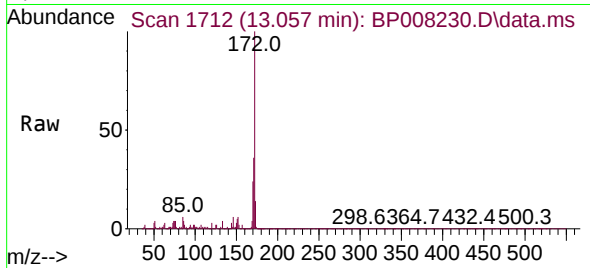
Tgt Ion:330 Resp: 227089
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 34.0 28.4 42.6



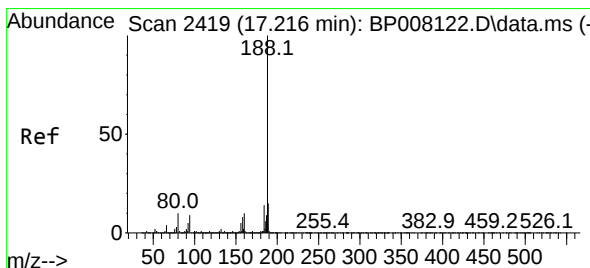
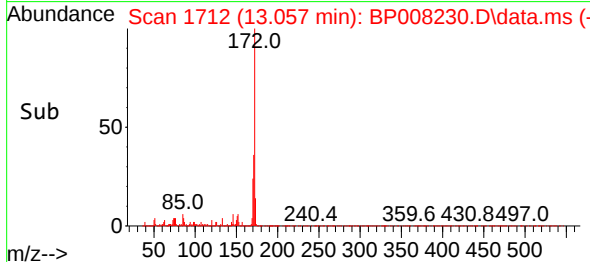
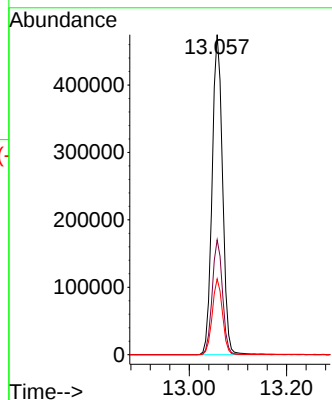


#45
2-Fluorobiphenyl
Concen: 68.955 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Instrument :
BNA_P
ClientSampleId :

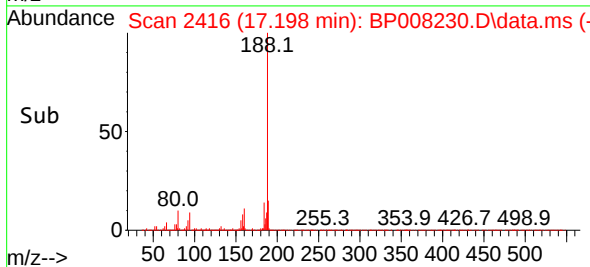
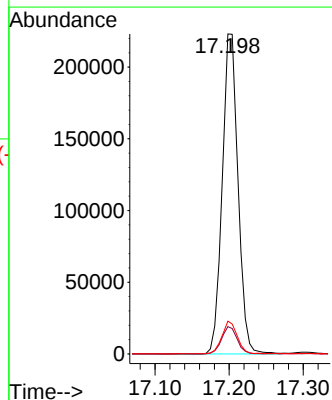
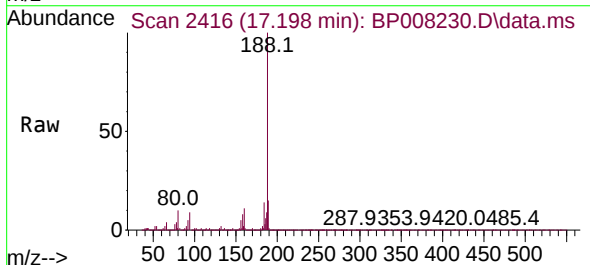


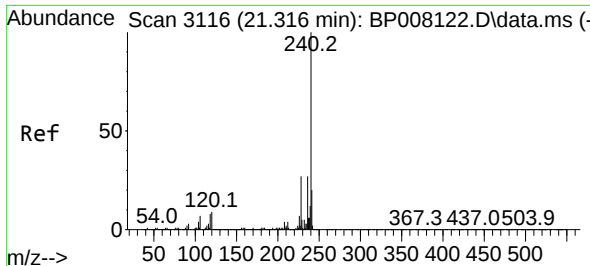
Tgt Ion:172 Resp: 702199
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Tgt Ion:188 Resp: 330504
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.3 8.2 12.4

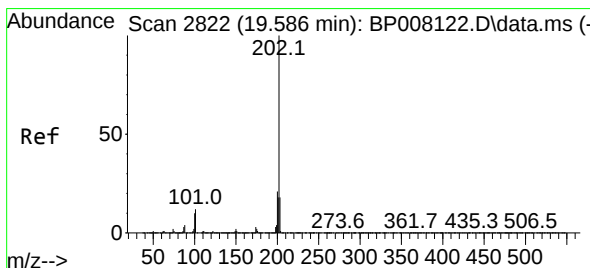
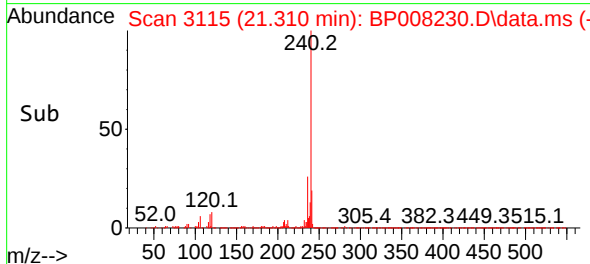
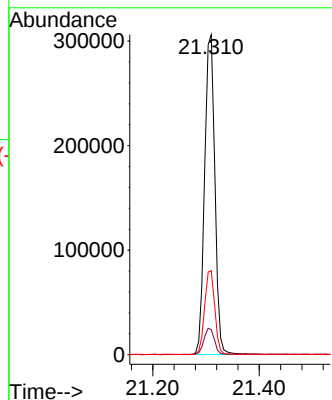
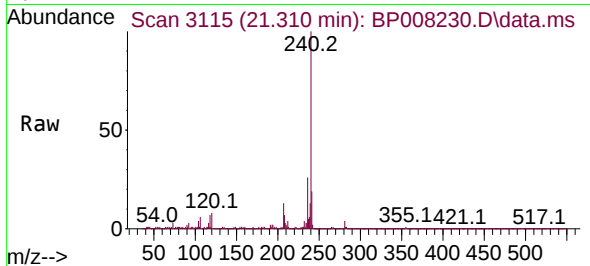




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

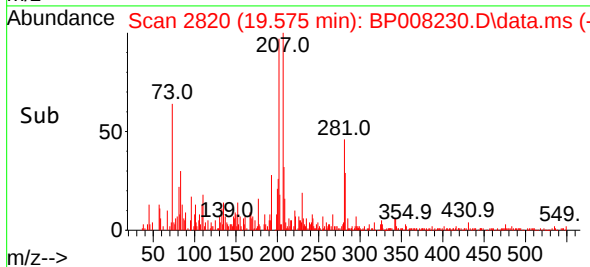
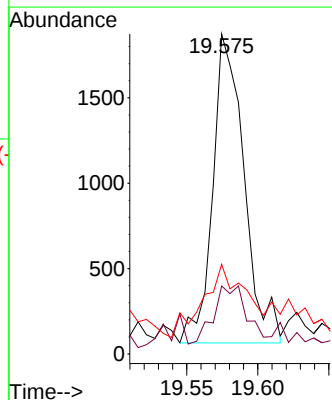
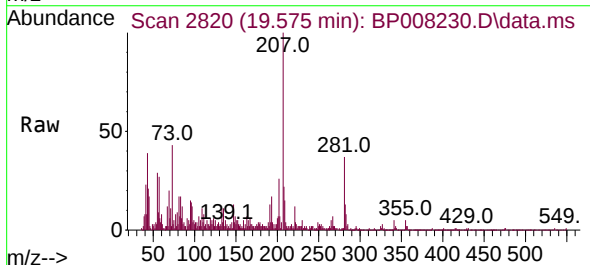
Instrument :
BNA_P
ClientSampleId :

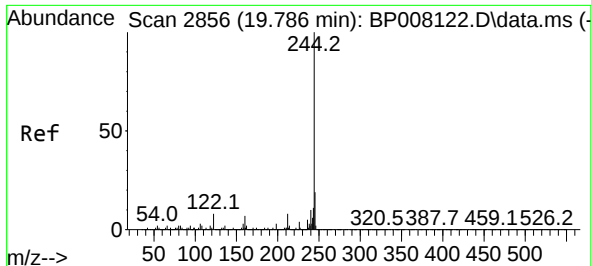
Tgt Ion:240 Resp: 409729
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.3 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008230.D
Acq: 06 Dec 2021 15:54

Tgt Ion:202 Resp: 2782
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 28.0 14.2 21.2#



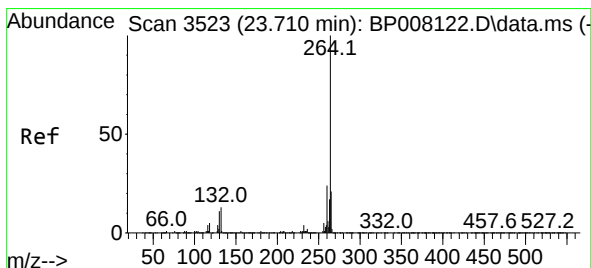
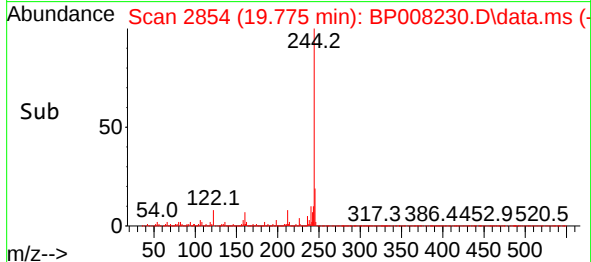
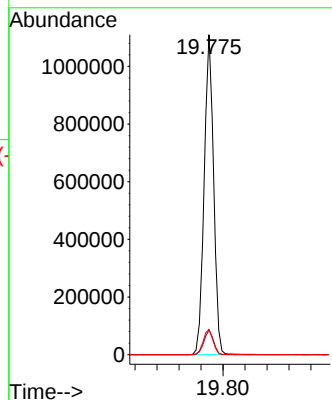
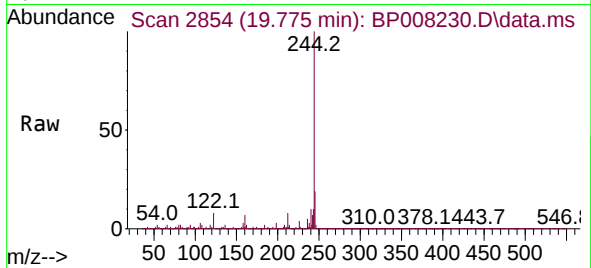


#79
 Terphenyl-d14
 Concen: 67.447 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008230.D
 Acq: 06 Dec 2021 15:54

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 1322294

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.9	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP008230.D
 Acq: 06 Dec 2021 15:54

Tgt Ion:264 Resp: 468874

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.5	17.6	26.4

