

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008224.D
 Acq On : 06 Dec 2021 12:16
 Operator : CG/JU
 Sample : PB141178BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 12:45:51 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)

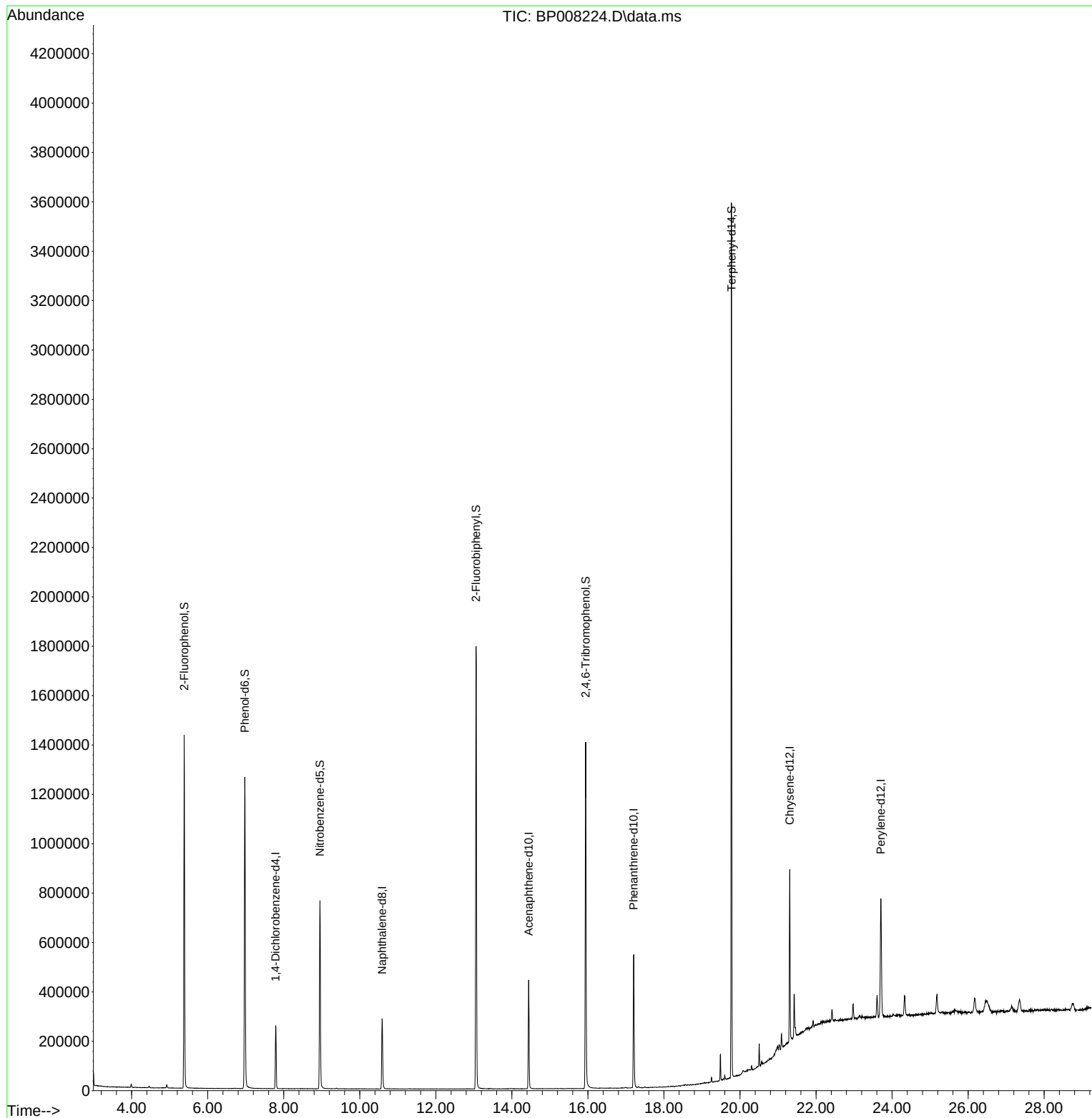
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	66576	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	243245	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	155959	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	338395	20.000	ng	0.00
76) Chrysene-d12	21.310	240	352325	20.000	ng	0.00
86) Perylene-d12	23.704	264	379511	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	557970	134.941	ng	0.00
7) Phenol-d6	6.975	99	699239	125.270	ng	-0.01
23) Nitrobenzene-d5	8.952	82	455817	85.212	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	275005	137.956	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	928954	86.519	ng	-0.01
79) Terphenyl-d14	19.775	244	1545287	91.663	ng	0.00
Target Compounds						
9) Benzaldehyde	6.893	77	116	Below Cal	#	34
78) Pyrene	19.580	202	869	Below Cal	#	77

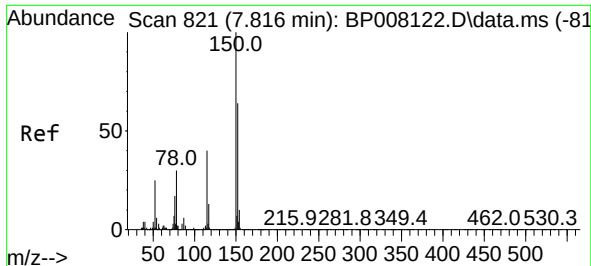
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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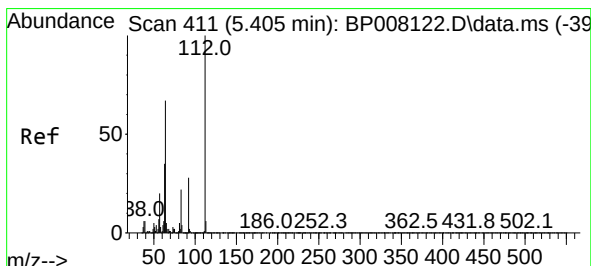
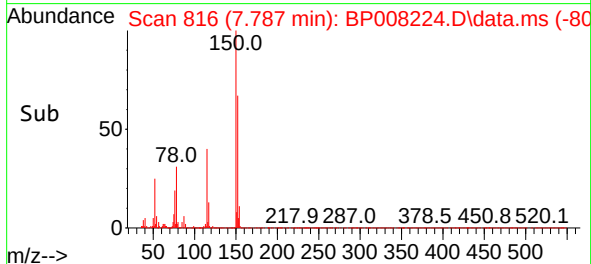
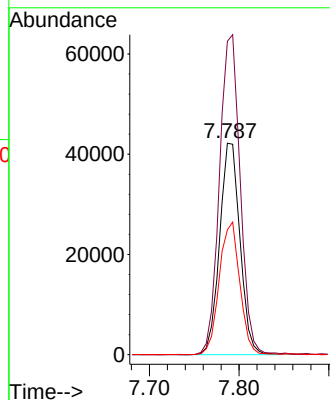
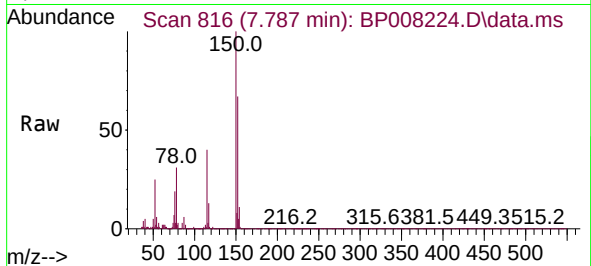




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

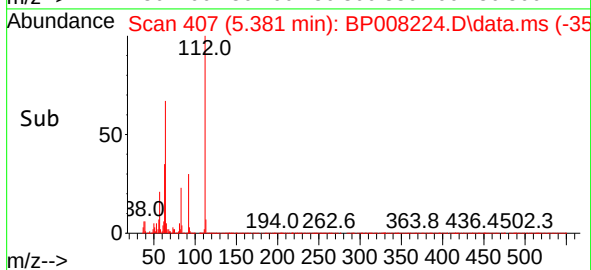
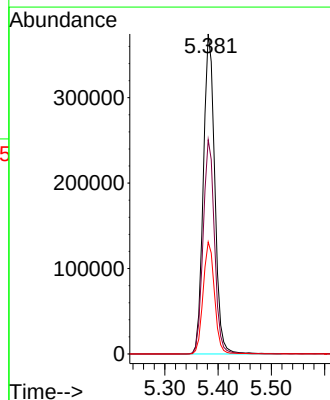
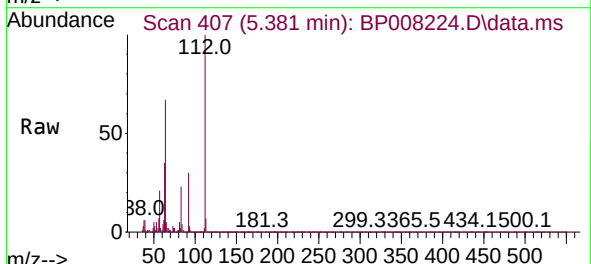
Instrument :
BNA_P
ClientSampleId :

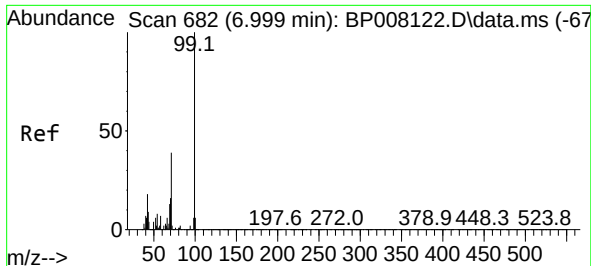
Tgt Ion:152 Resp: 66576
Ion Ratio Lower Upper
152 100
150 148.2 125.7 188.5
115 59.0 50.7 76.1



#5
2-Fluorophenol
Concen: 134.941 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

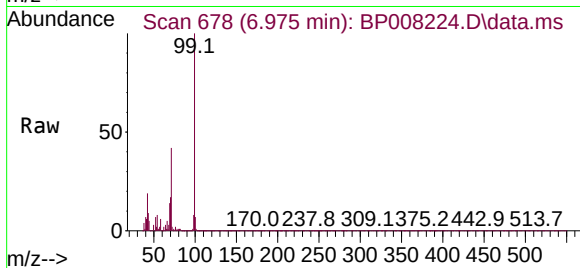
Tgt Ion:112 Resp: 557970
Ion Ratio Lower Upper
112 100
64 67.0 53.4 80.2
63 35.0 27.8 41.8



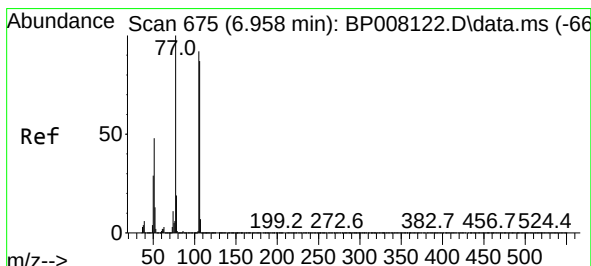
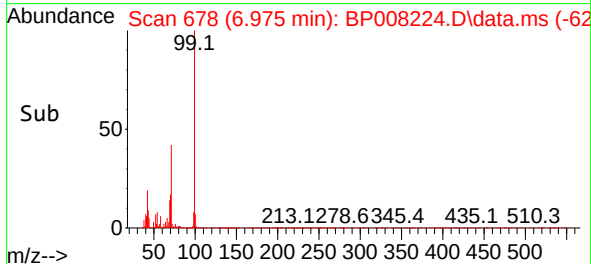
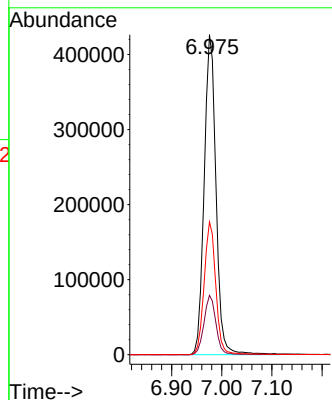


#7
Phenol-d6
Concen: 125.270 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

Instrument :
BNA_P
ClientSampleId :

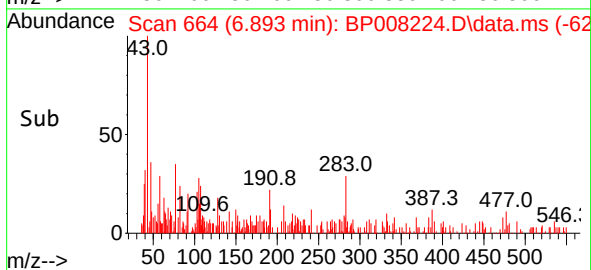
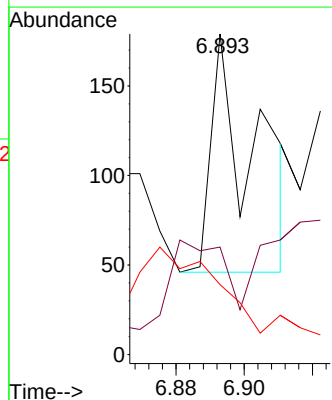
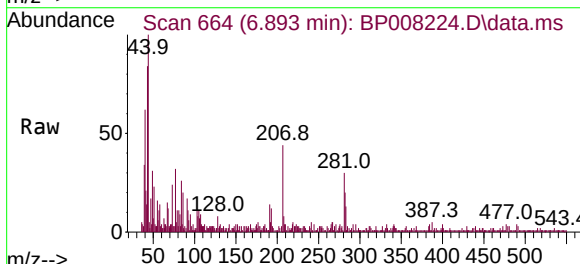


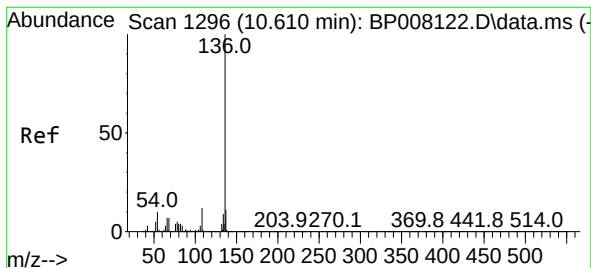
Tgt Ion: 99 Resp: 699239
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 41.5 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.893 min Scan# 664
Delta R.T. -0.047 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

Tgt Ion: 77 Resp: 116
Ion Ratio Lower Upper
77 100
105 33.5 71.8 111.8#
106 21.8 67.3 107.3#

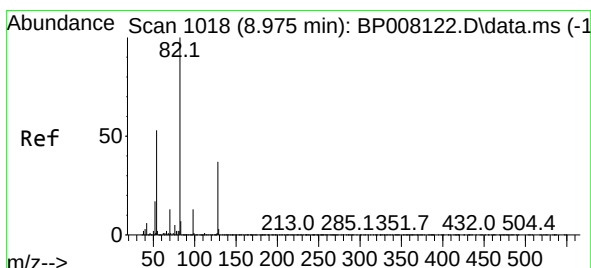
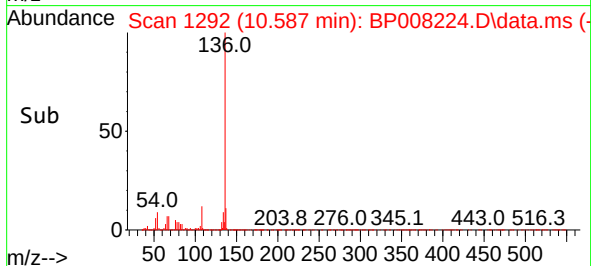
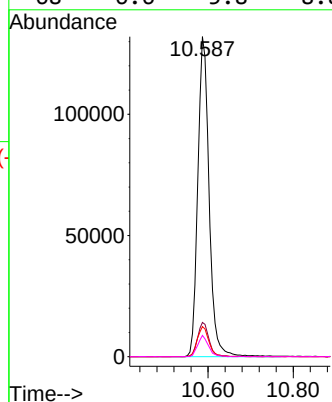
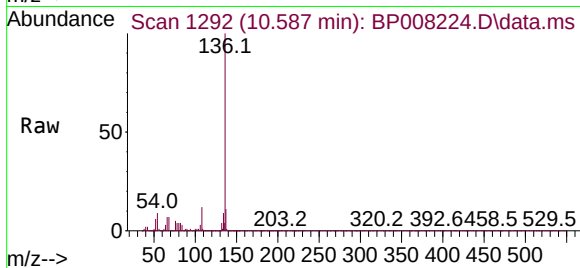




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

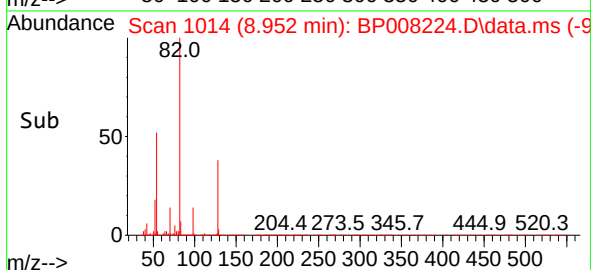
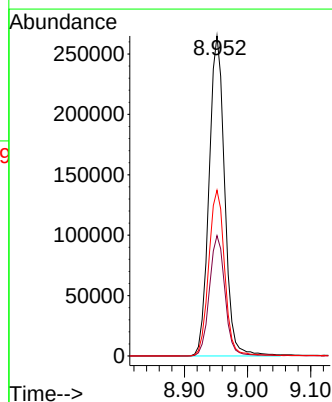
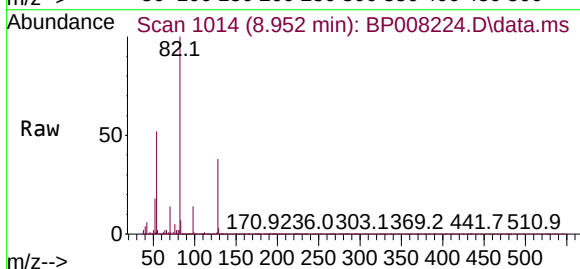
Instrument :
BNA_P
ClientSampleId :

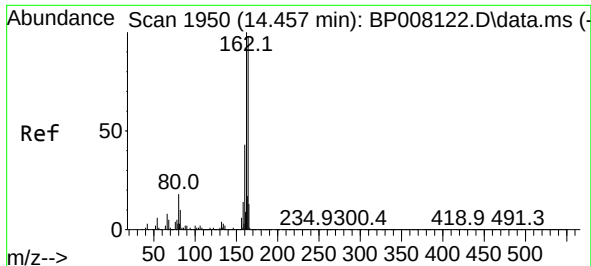
Tgt Ion:	136	Resp:	243245
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	9.4	8.2	12.4
68	6.6	5.8	8.8



#23
Nitrobenzene-d5
Concen: 85.212 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

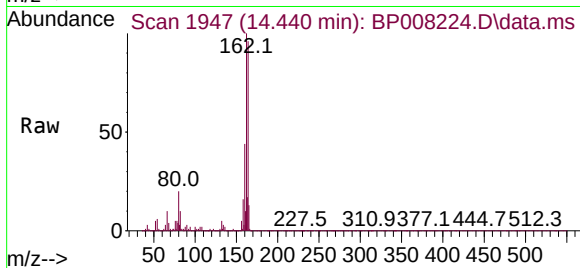
Tgt Ion:	82	Resp:	455817
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.6	44.4
54	51.8	42.7	64.1



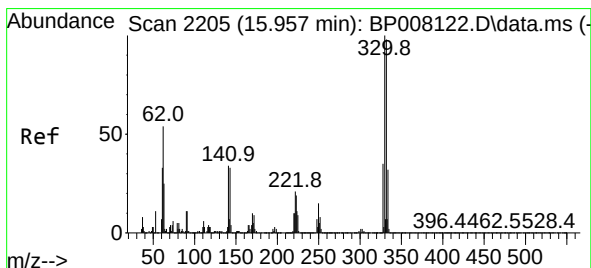
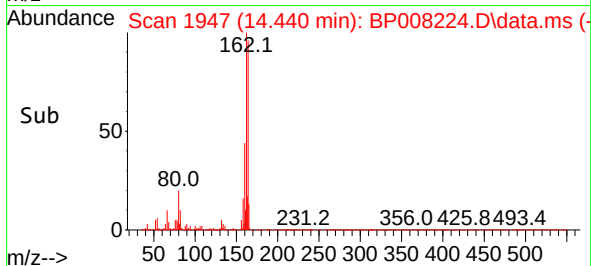
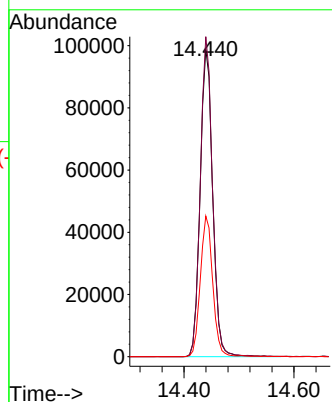


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

Instrument :
BNA_P
ClientSampleId :

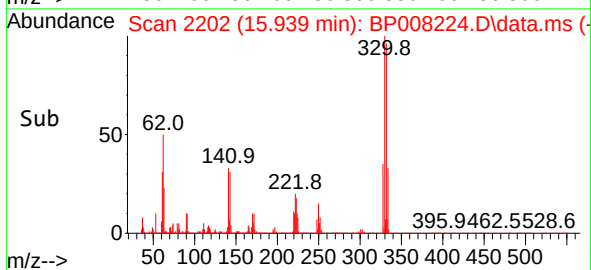
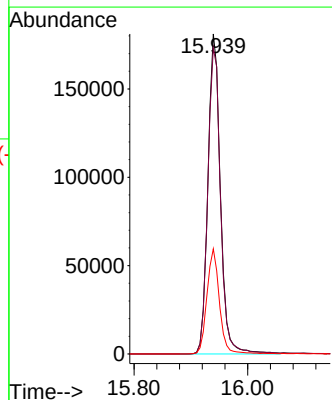
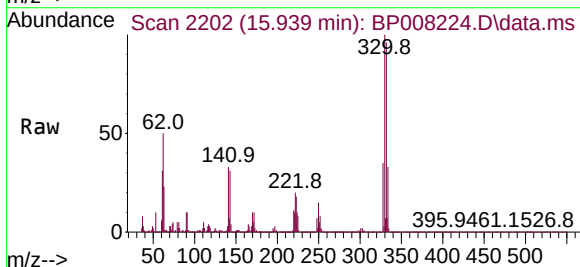


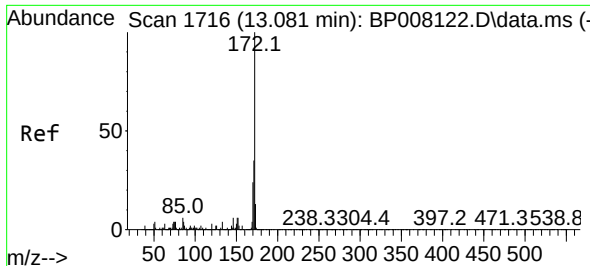
Tgt Ion:164 Resp: 155959
Ion Ratio Lower Upper
164 100
162 104.1 81.9 122.9
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 137.956 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

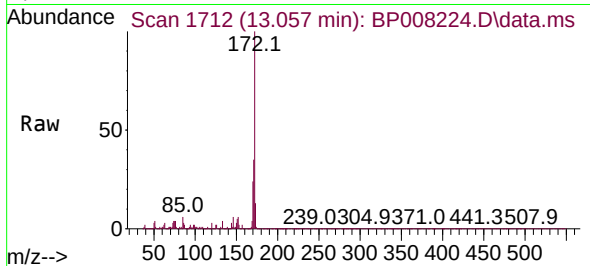
Tgt Ion:330 Resp: 275005
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.4
141 33.0 28.4 42.6



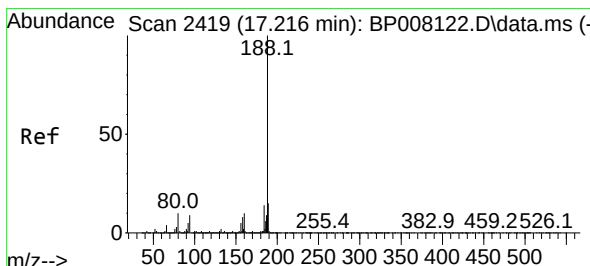
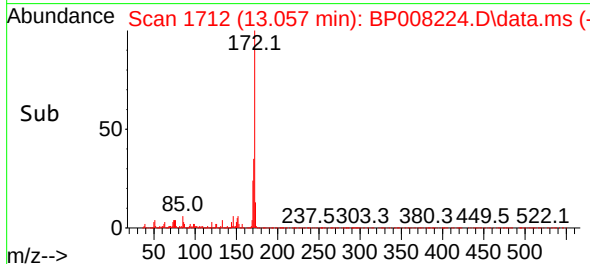
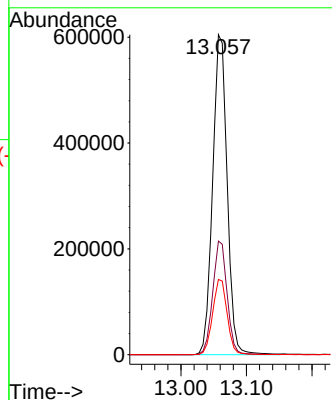


#45
2-Fluorobiphenyl
Concen: 86.519 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

Instrument :
BNA_P
ClientSampleId :

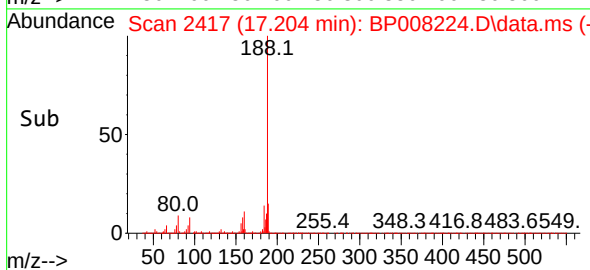
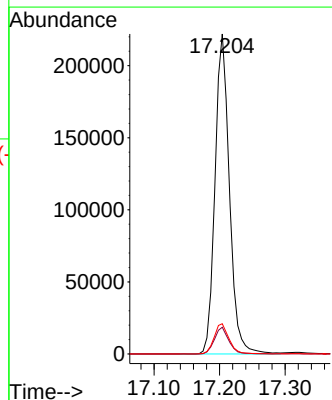
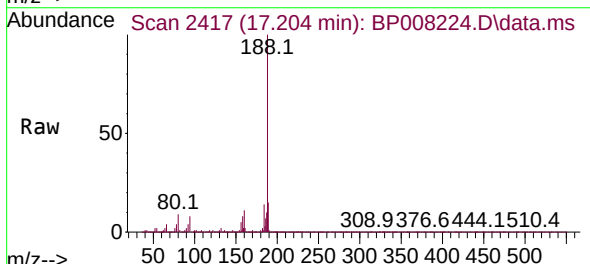


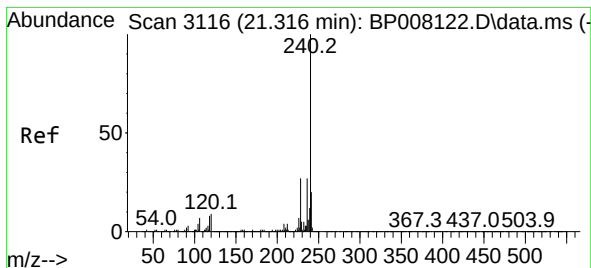
Tgt Ion:172 Resp: 928954
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP008224.D
Acq: 06 Dec 2021 12:16

Tgt Ion:188 Resp: 338395
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.5 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: BP008224.D

Acq: 06 Dec 2021 12:16

Instrument :

BNA_P

ClientSampleId :

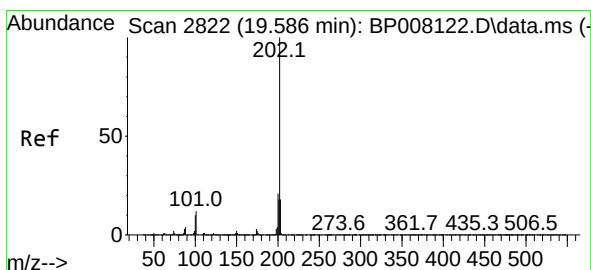
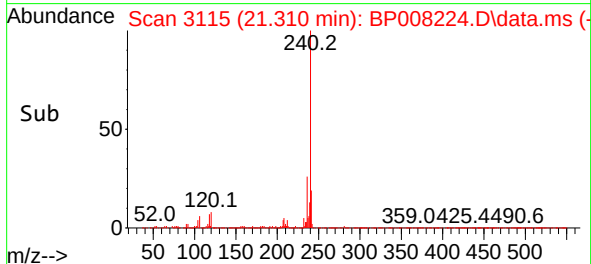
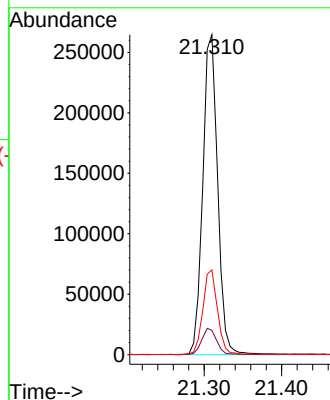
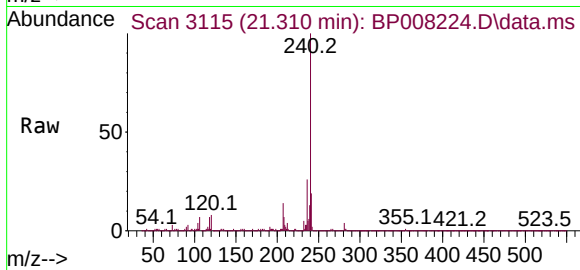
Tgt Ion:240 Resp: 352325

Ion Ratio Lower Upper

240 100

120 7.6 7.3 10.9

236 26.5 21.4 32.2



#78

Pyrene

Concen: Below Cal

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP008224.D

Acq: 06 Dec 2021 12:16

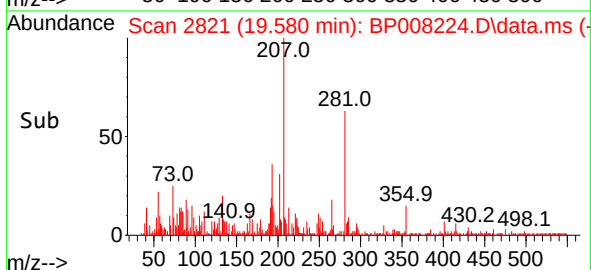
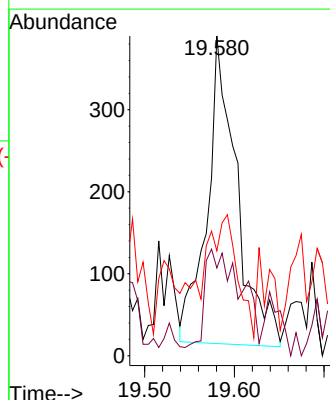
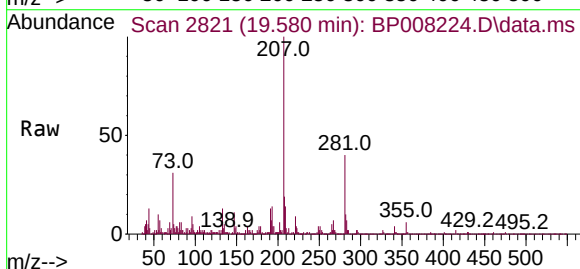
Tgt Ion:202 Resp: 869

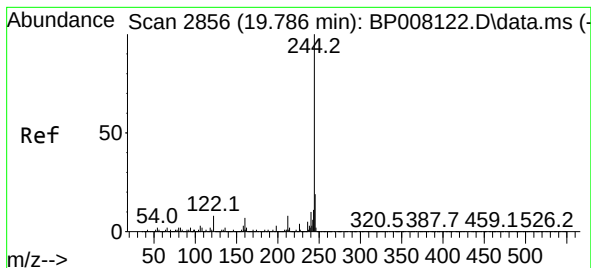
Ion Ratio Lower Upper

202 100

200 27.4 17.1 25.7#

203 32.8 14.2 21.2#





#79

Terphenyl-d14

Concen: 91.663 ng

RT: 19.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008224.D

Acq: 06 Dec 2021 12:16

Instrument :

BNA_P

ClientSampleId :

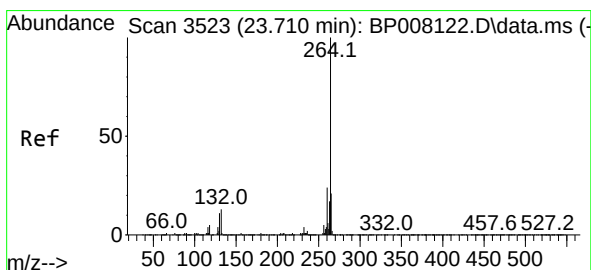
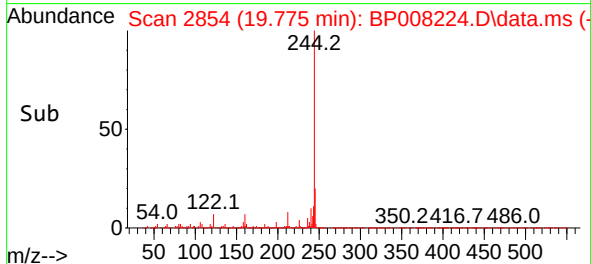
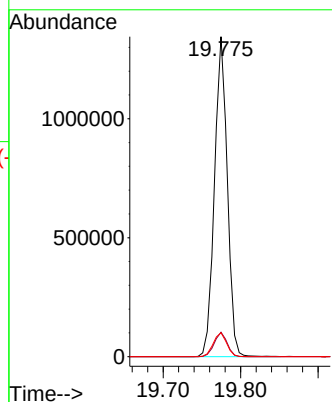
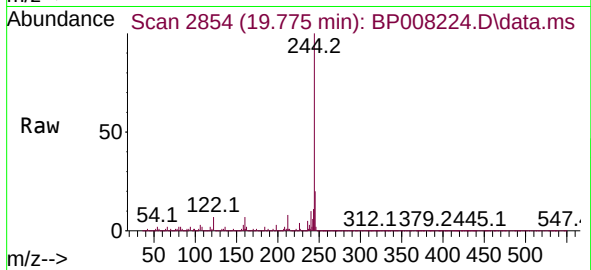
Tgt Ion:244 Resp: 1545287

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 7.5 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: BP008224.D

Acq: 06 Dec 2021 12:16

Tgt Ion:264 Resp: 379511

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 23.0 17.6 26.4

