

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
 Data File : BP008162.D
 Acq On : 30 Nov 2021 17:16
 Operator : CG/JU
 Sample : M4852-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB

Quant Time: Dec 01 00:11:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

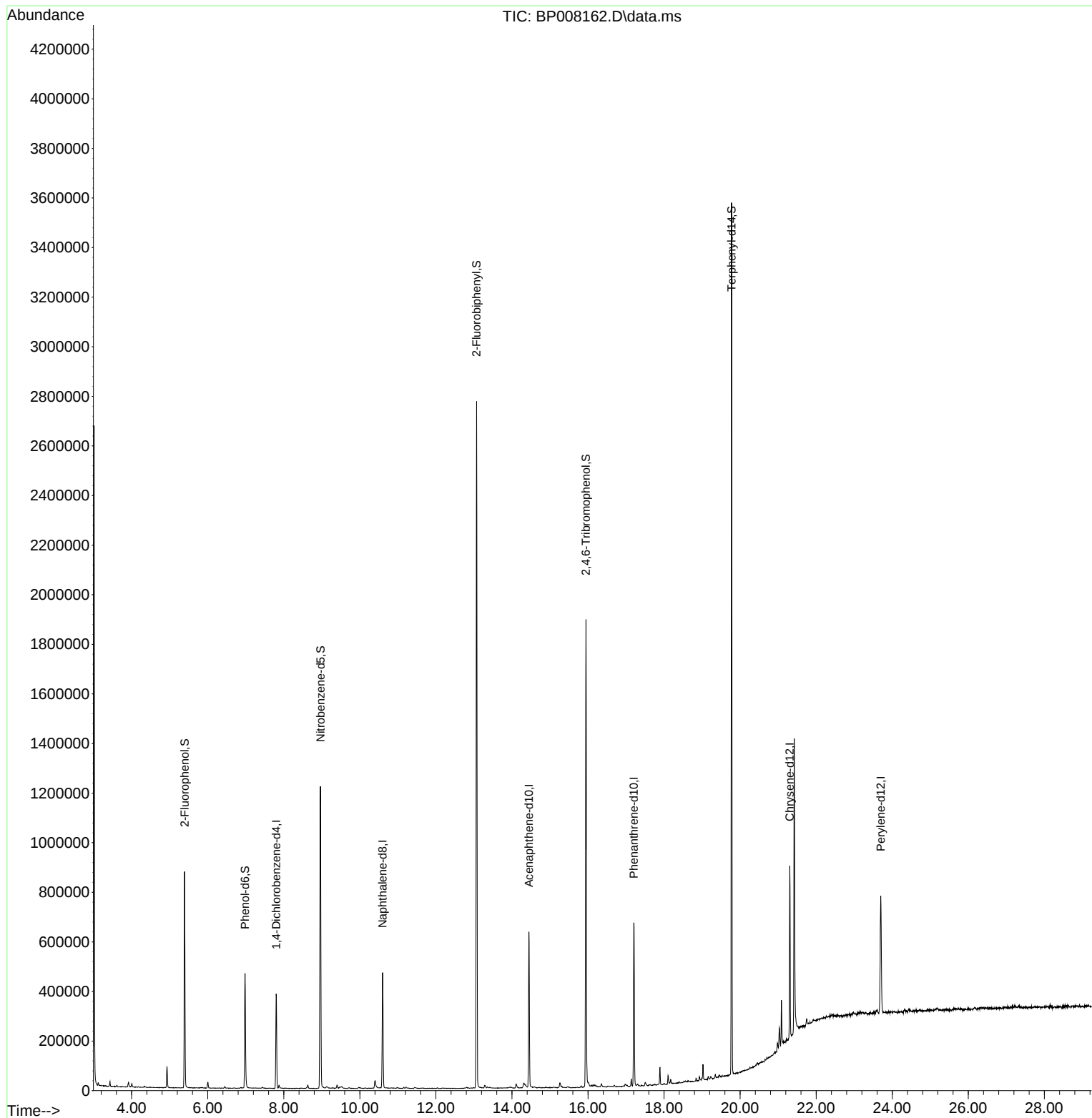
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	98972	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	360212	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	213200	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	404248	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	327241	20.000	ng	-0.01
86) Perylene-d12	23.698	264	380060	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	332409	54.077	ng	-0.01
7) Phenol-d6	6.981	99	246578	29.715	ng	-0.02
23) Nitrobenzene-d5	8.963	82	720589	90.967	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	347927	127.677	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	1368931	93.266	ng	-0.01
79) Terphenyl-d14	19.775	244	1595786	101.915	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.952	77	712	Below Cal	#	68
78) Pyrene	19.581	202	1022	Below Cal	#	68

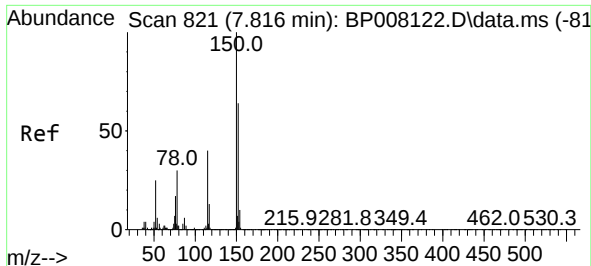
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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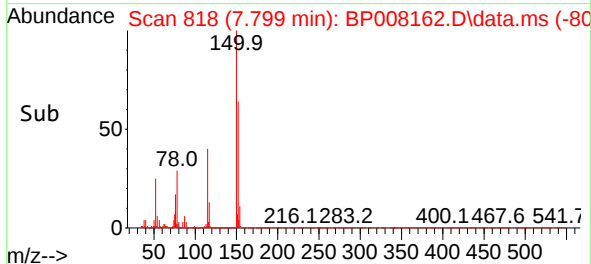
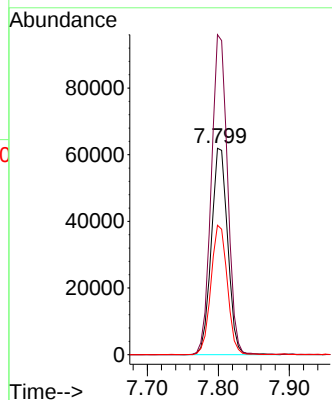
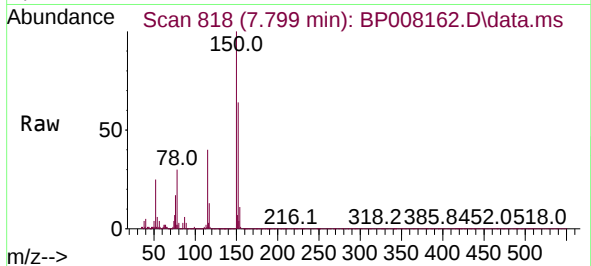




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

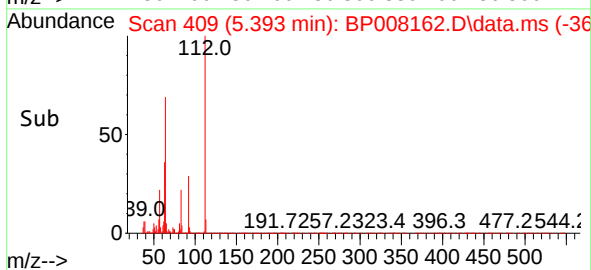
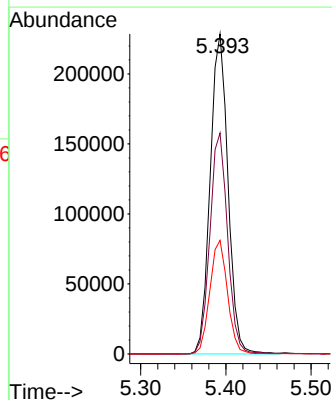
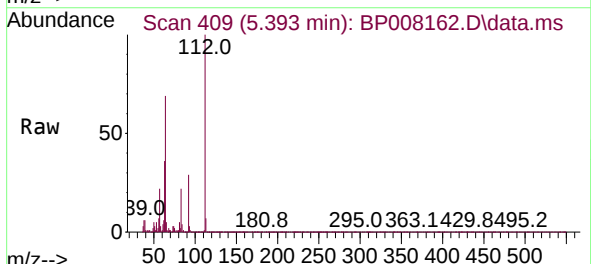
Instrument :
BNA_P
ClientSampleId :
FB

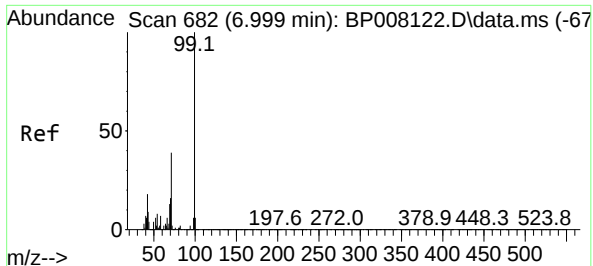
Tgt Ion:152 Resp: 98972
Ion Ratio Lower Upper
152 100
150 155.1 125.7 188.5
115 62.8 50.7 76.1



#5
2-Fluorophenol
Concen: 54.077 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

Tgt Ion:112 Resp: 332409
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 35.5 27.8 41.8

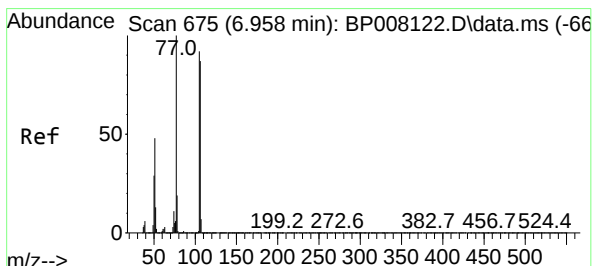
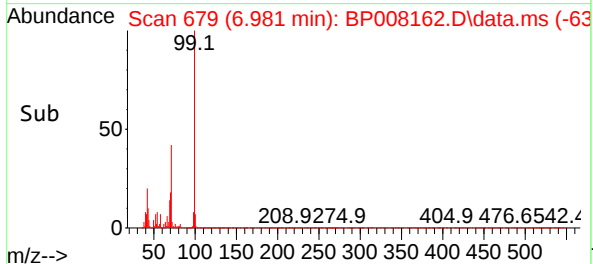
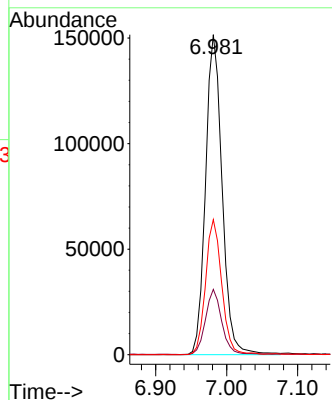
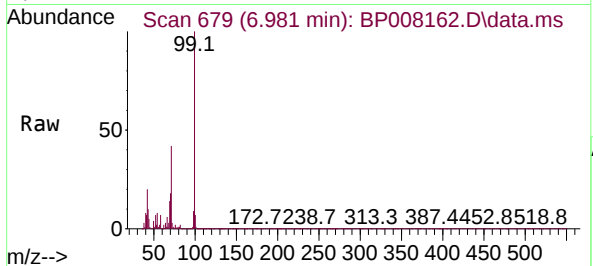




#7
Phenol-d6
Concen: 29.715 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

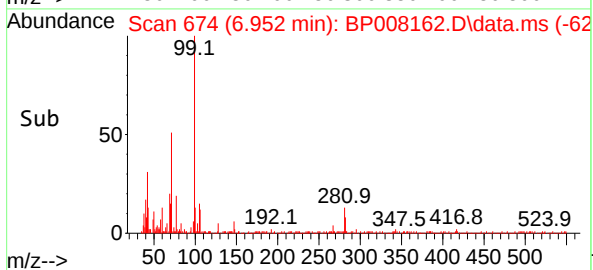
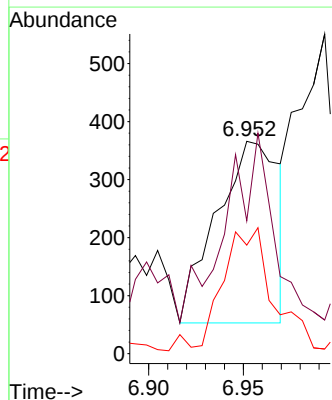
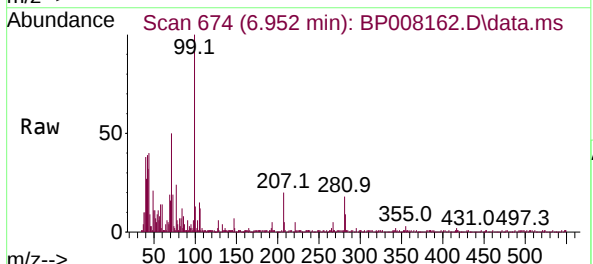
Instrument :
BNA_P
ClientSampleId :
FB

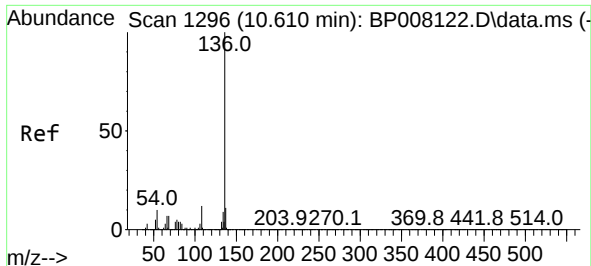
Tgt Ion: 99 Resp: 246578
Ion Ratio Lower Upper
99 100
42 20.4 14.6 22.0
71 42.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.952 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

Tgt Ion: 77 Resp: 712
Ion Ratio Lower Upper
77 100
105 62.6 71.8 111.8#
106 56.6 67.3 107.3#

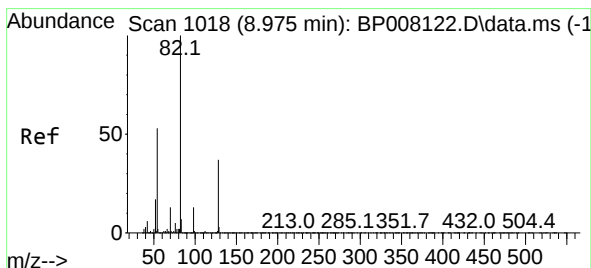
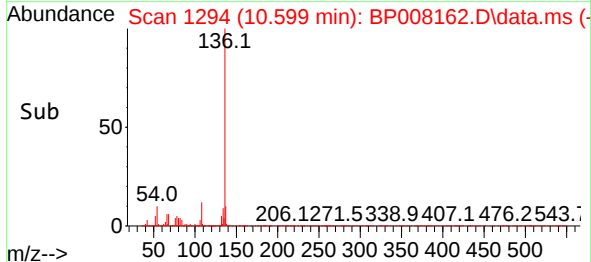
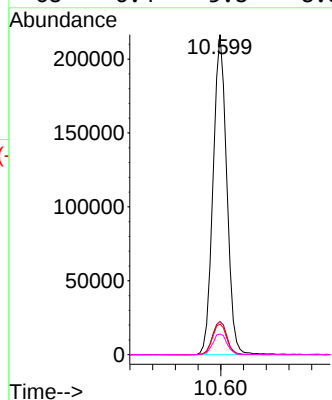
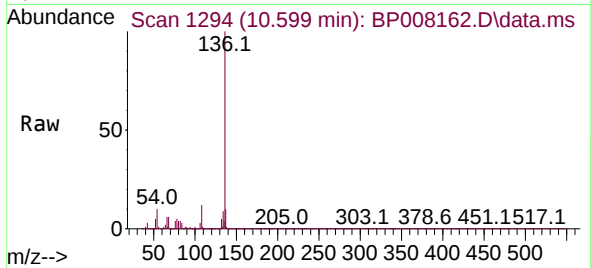




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

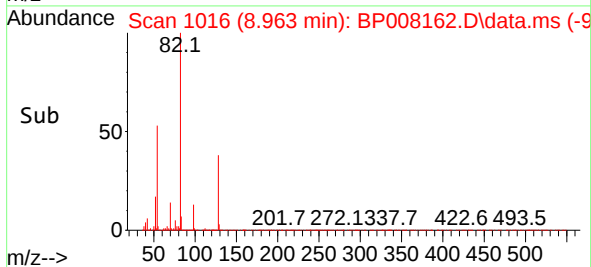
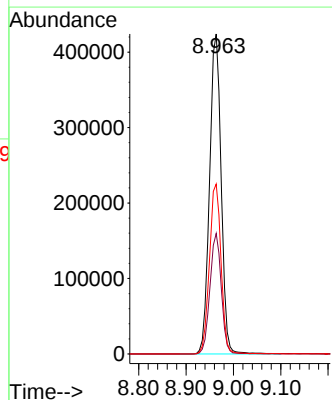
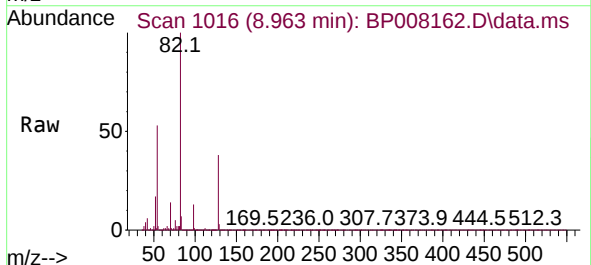
Instrument :
BNA_P
ClientSampleId :
FB

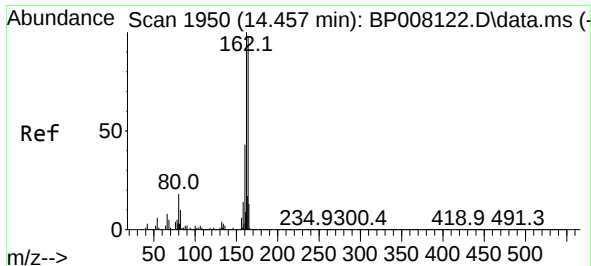
Tgt Ion:	136	Resp:	360212
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.0	13.6
54	9.6	8.2	12.4
68	6.4	5.8	8.8



#23
Nitrobenzene-d5
Concen: 90.967 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

Tgt Ion:	82	Resp:	720589
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.6	44.4
54	53.1	42.7	64.1

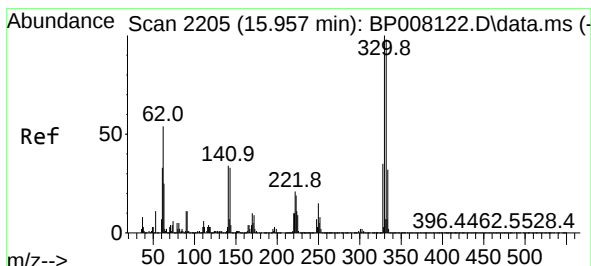
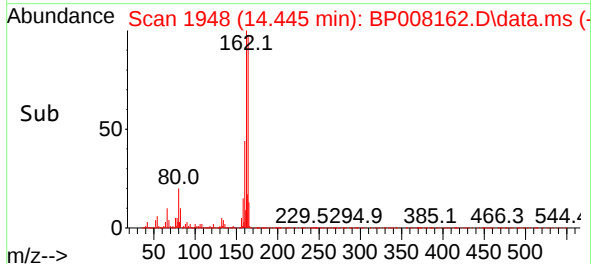
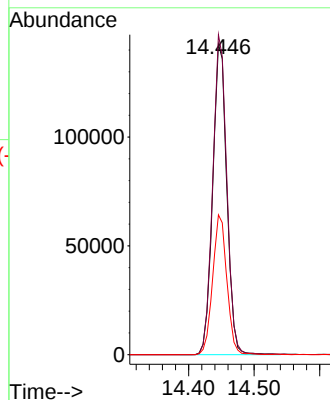
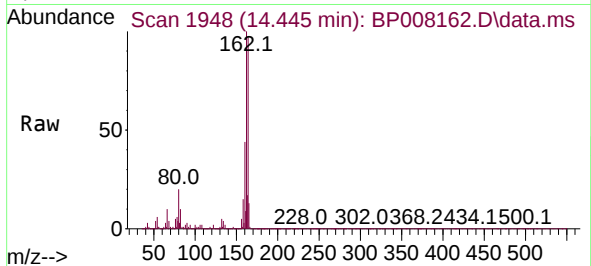




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

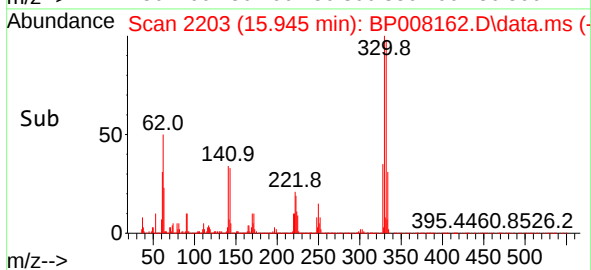
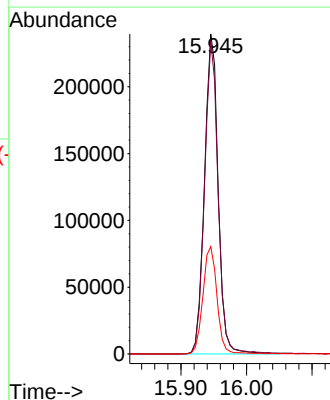
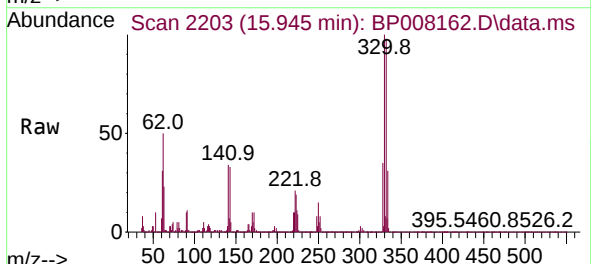
Instrument :
BNA_P
ClientSampleId :
FB

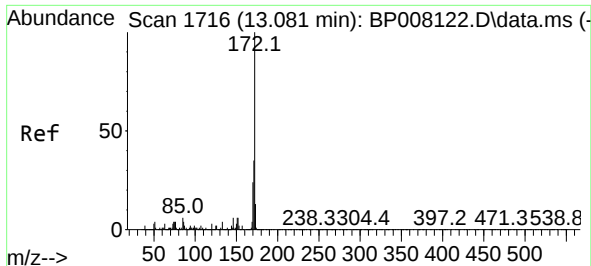
Tgt Ion:164 Resp: 213200
Ion Ratio Lower Upper
164 100
162 103.0 81.9 122.9
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 127.677 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

Tgt Ion:330 Resp: 347927
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 34.7 28.4 42.6

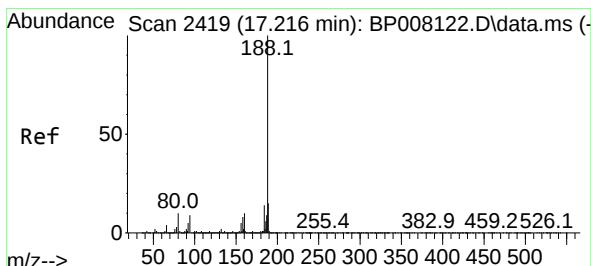
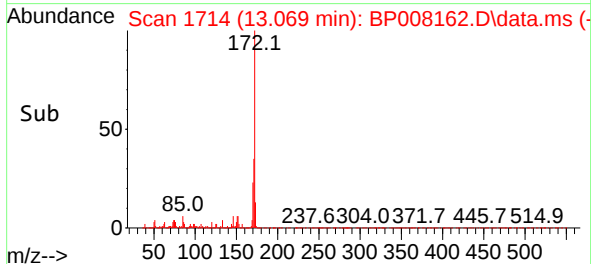
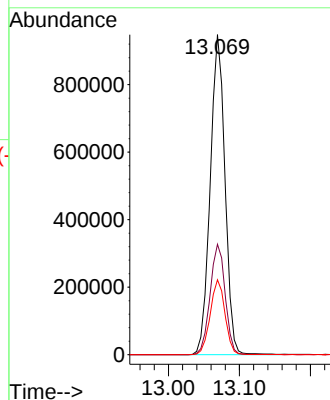
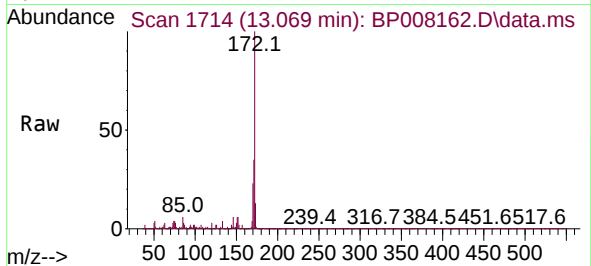




#45
2-Fluorobiphenyl
Concen: 93.266 ng
RT: 13.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

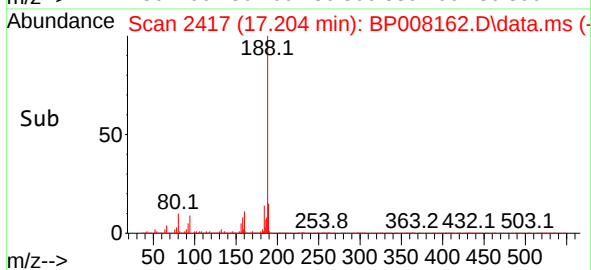
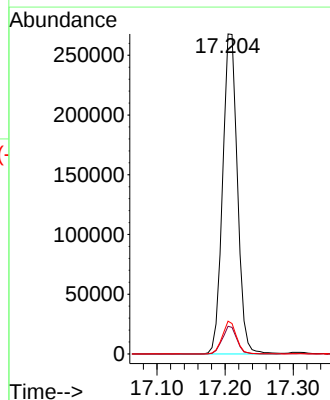
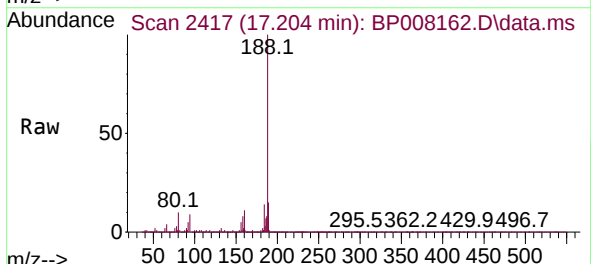
Instrument :
BNA_P
ClientSampleId :
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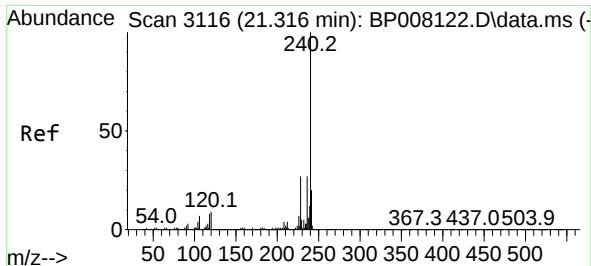
Tgt Ion:172 Resp: 1368931
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

Tgt Ion:188 Resp: 404248
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.3 8.2 12.4

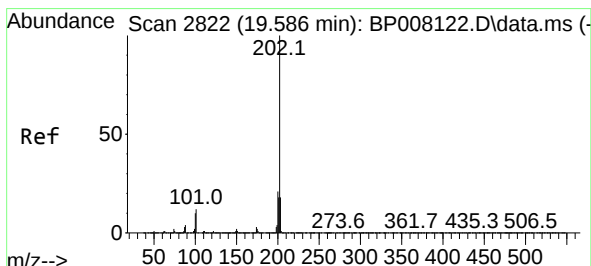
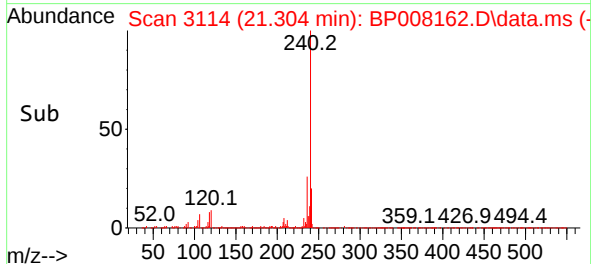
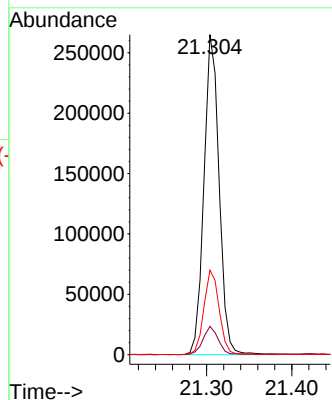
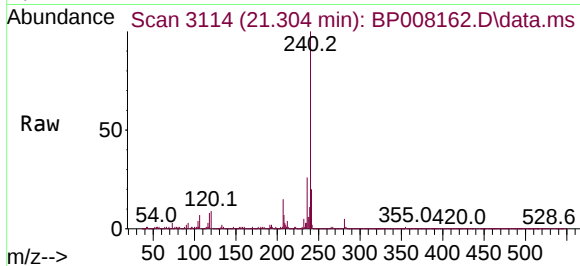




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

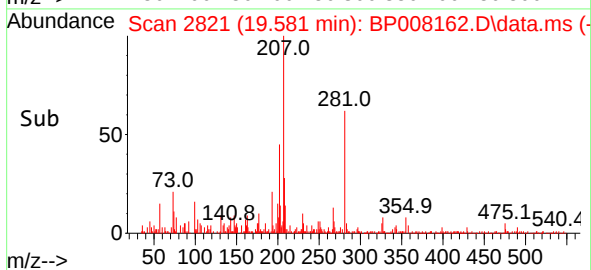
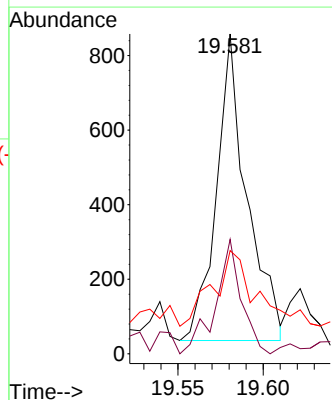
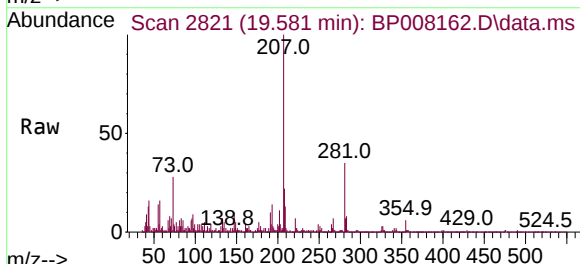
Instrument :
BNA_P
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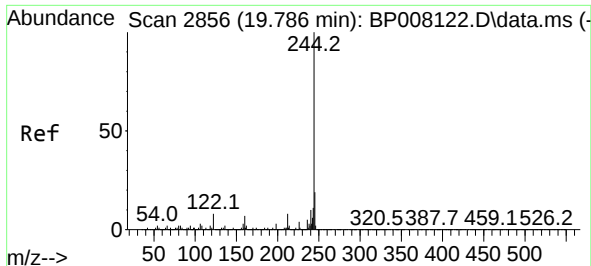
Tgt Ion:	240	Resp:	327241
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.3	10.9
236	26.4	21.4	32.2



#78
Pyrene
Concen: Below Cal
RT: 19.581 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BP008162.D
Acq: 30 Nov 2021 17:16

Tgt Ion:	202	Resp:	1022
Ion Ratio	Lower	Upper	
202	100		
200	35.8	17.1	25.7#
203	32.3	14.2	21.2#



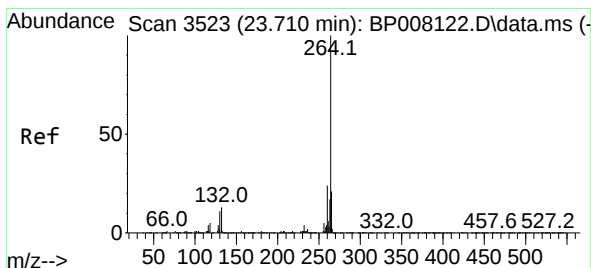
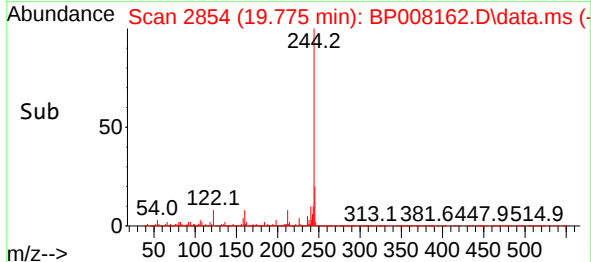
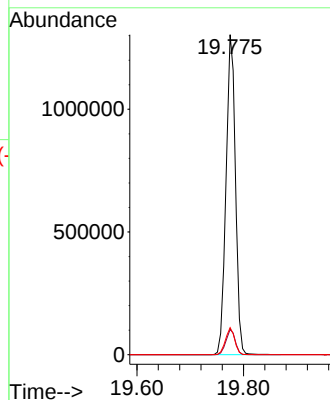
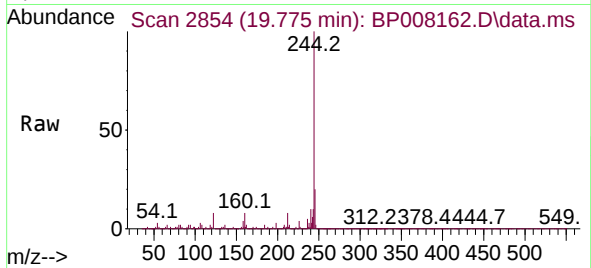


#79
 Terphenyl-d14
 Concen: 101.915 ng
 RT: 19.775 min Scan# 2854
 Delta R.T. -0.011 min
 Lab File: BP008162.D
 Acq: 30 Nov 2021 17:16

Instrument :
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Tgt Ion:244 Resp: 1595786

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	8.5	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BP008162.D
 Acq: 30 Nov 2021 17:16

Tgt Ion:264 Resp: 380060

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	23.4	17.6	26.4

