

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008335.D
 Acq On : 10 Dec 2021 11:37
 Operator : CG/JU
 Sample : PB141159TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141159TB

Quant Time: Dec 11 03:56:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

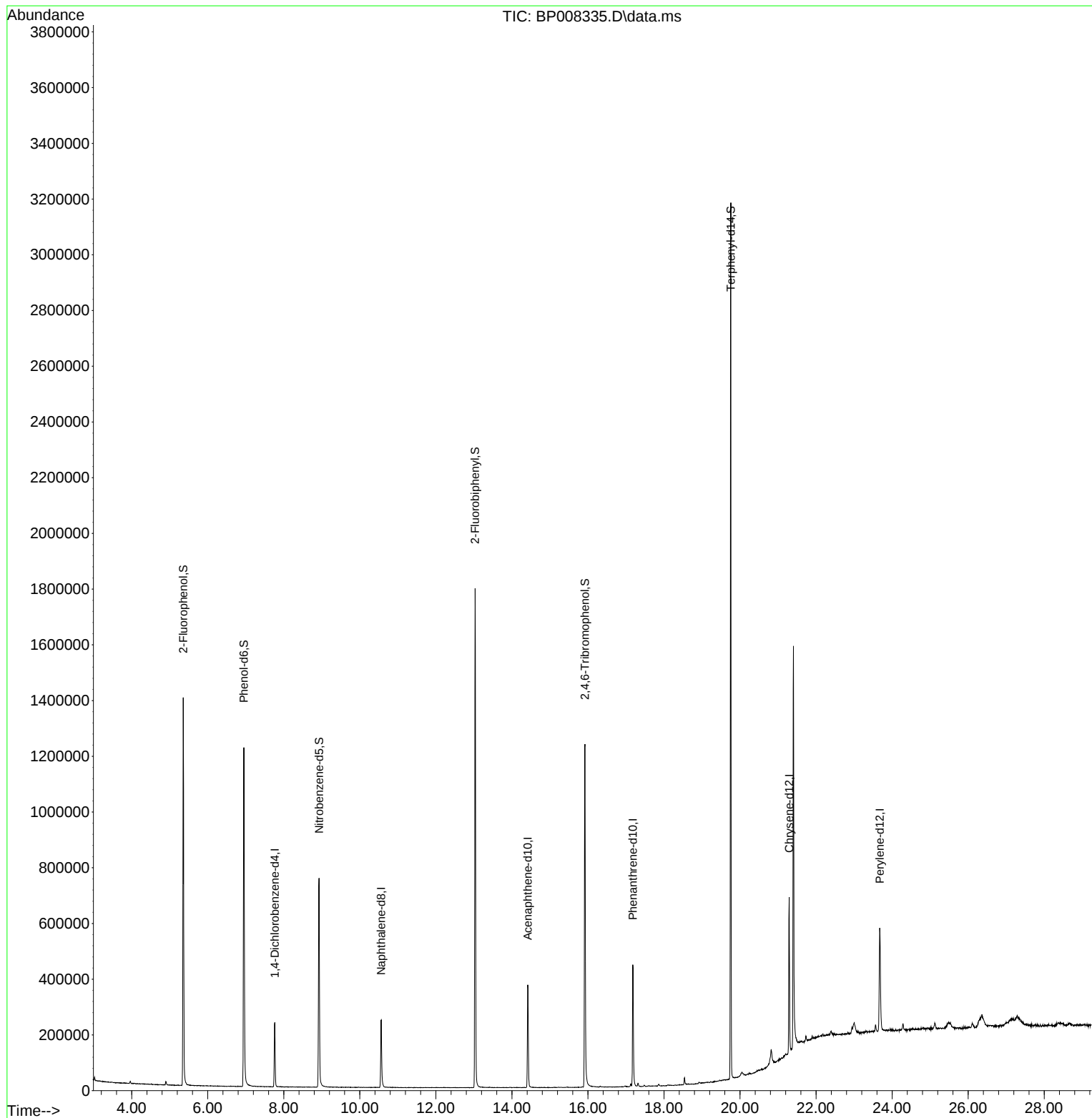
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	59168	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	211064	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	138360	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	298179	20.000	ng	0.00
76) Chrysene-d12	21.292	240	298877	20.000	ng	# 0.00
86) Perylene-d12	23.674	264	312008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	536673	146.041	ng	0.00
7) Phenol-d6	6.952	99	676406	136.352	ng	0.00
23) Nitrobenzene-d5	8.928	82	464647	100.107	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	252091	142.547	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	916709	96.238	ng	0.00
79) Terphenyl-d14	19.757	244	1447229	101.199	ng	0.00
Target Compounds						
9) Benzaldehyde	6.952	77	1904	Below Cal	#	28
78) Pyrene	19.563	202	732	Below Cal	#	91

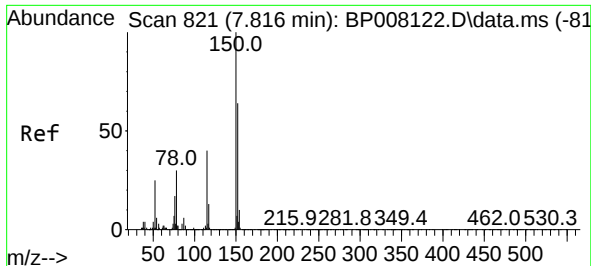
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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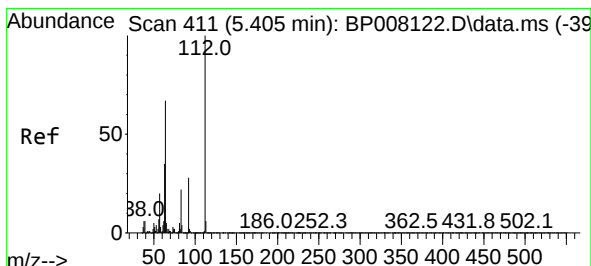
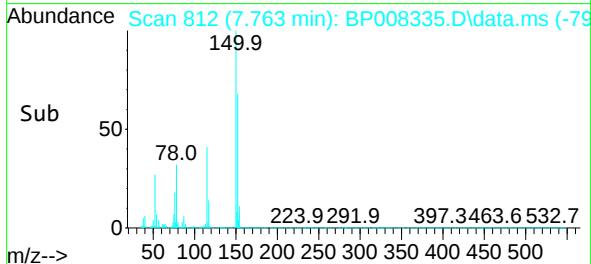
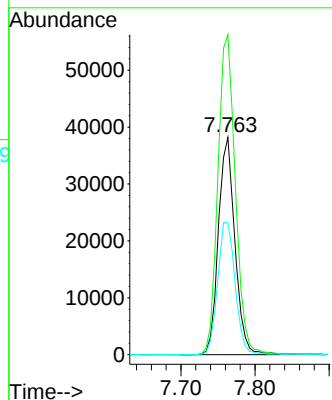
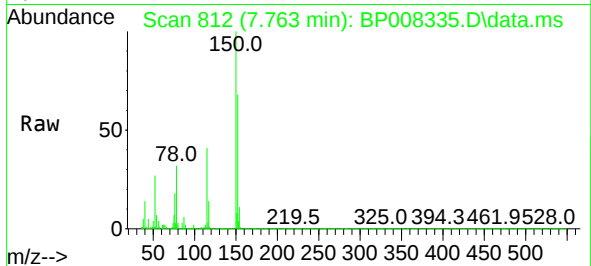




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

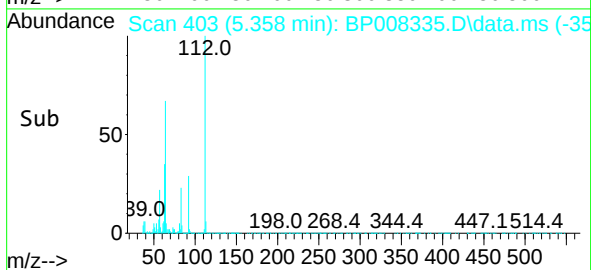
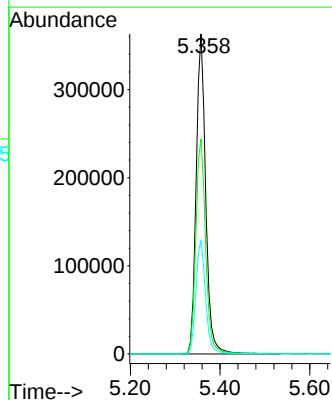
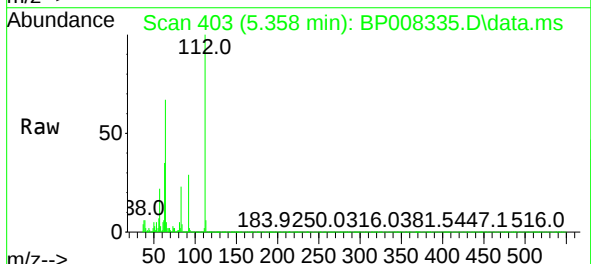
Instrument :
BNA_P
ClientSampleId :
PB141159TB

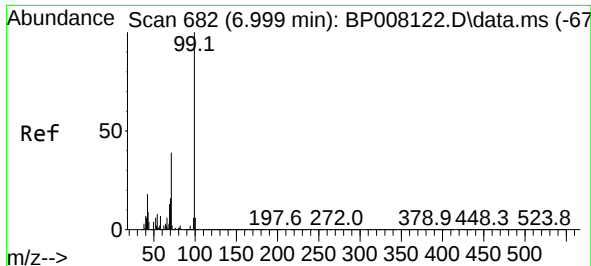
Tgt Ion:152 Resp: 59168
Ion Ratio Lower Upper
152 100
150 147.3 125.7 188.5
115 60.7 50.7 76.1



#5
2-Fluorophenol
Concen: 146.041 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

Tgt Ion:112 Resp: 536673
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 35.5 27.8 41.8

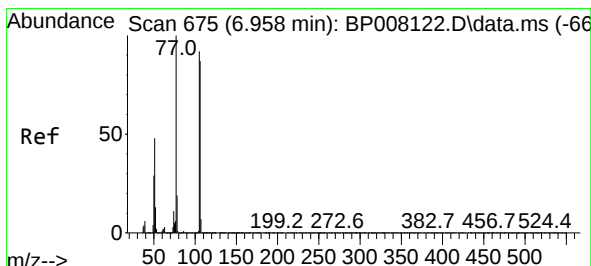
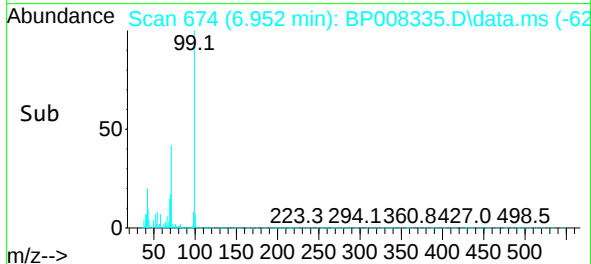
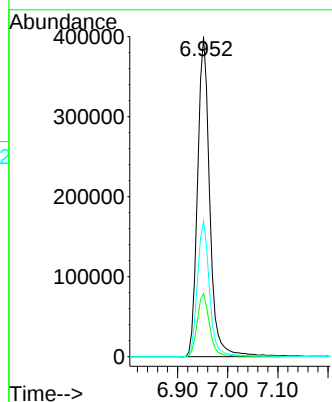
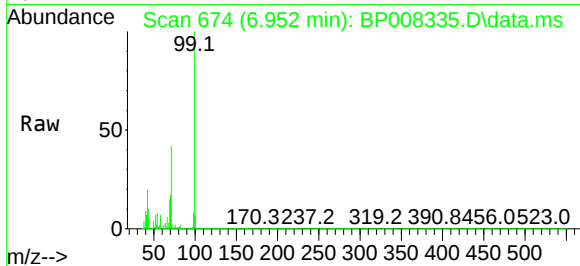




#7
Phenol-d6
Concen: 136.352 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

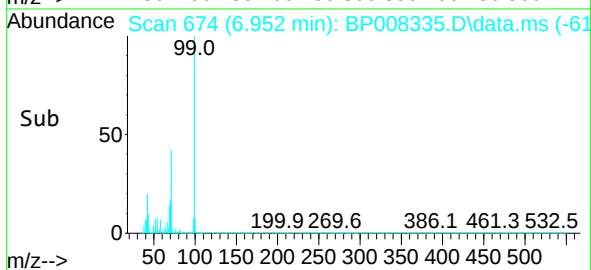
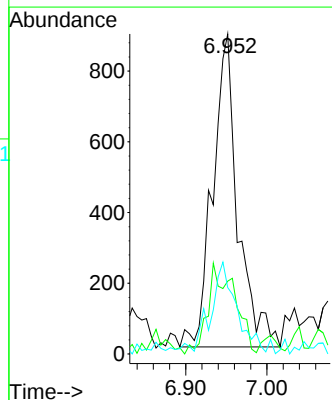
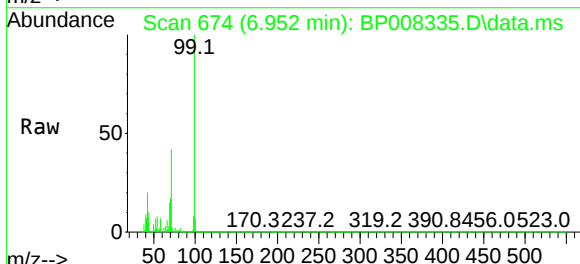
Instrument :
BNA_P
ClientSampleId :
PB141159TB

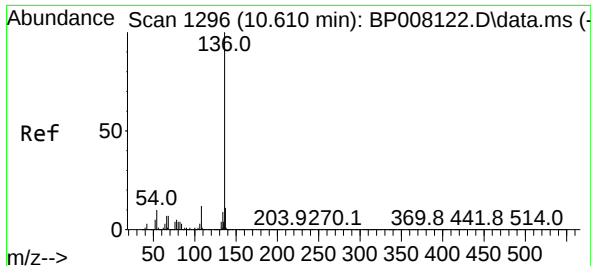
Tgt Ion: 99 Resp: 676406
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 42.4 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.952 min Scan# 674
Delta R.T. 0.041 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

Tgt Ion: 77 Resp: 1904
Ion Ratio Lower Upper
77 100
105 22.8 71.8 111.8#
106 20.8 67.3 107.3#

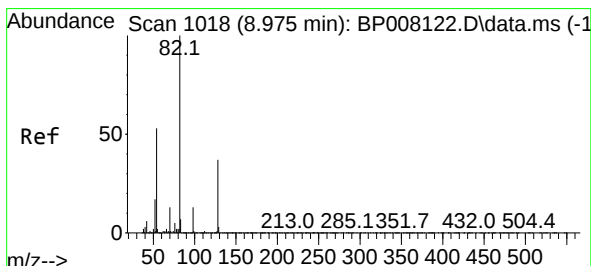
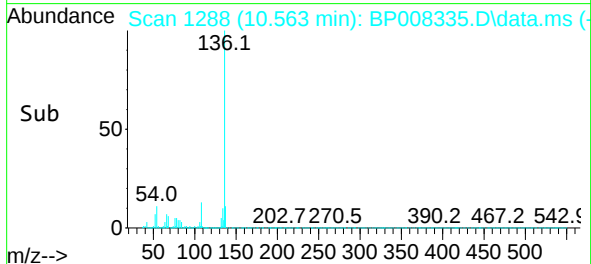
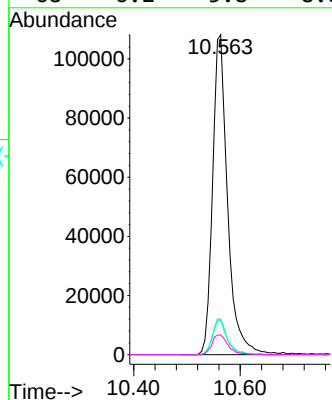
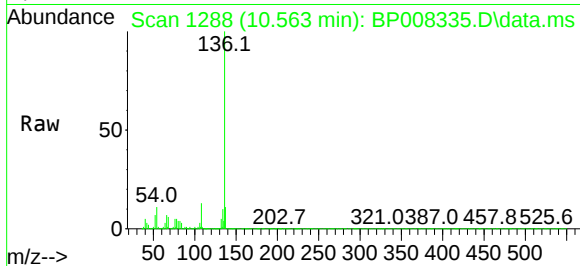




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

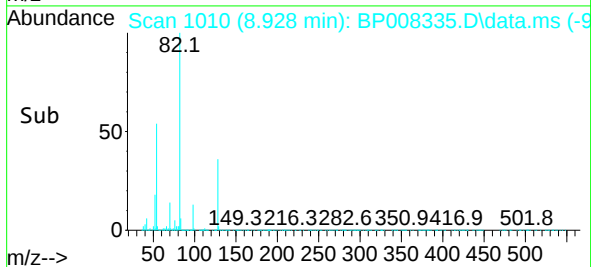
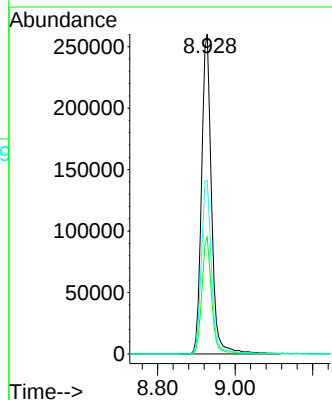
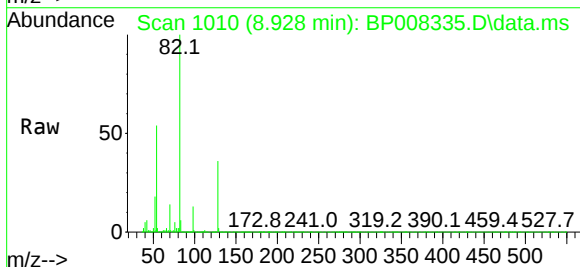
Instrument :
BNA_P
ClientSampleId :
PB141159TB

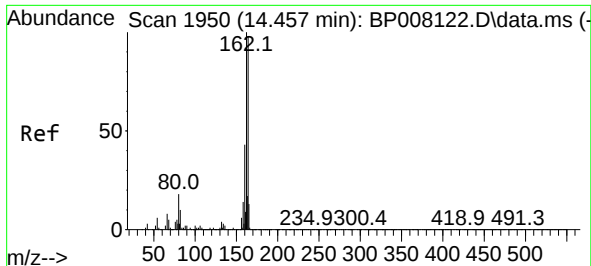
Tgt Ion:	136	Resp:	211064
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.7	8.2	12.4
68	6.2	5.8	8.8



#23
Nitrobenzene-d5
Concen: 100.107 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

Tgt Ion:	82	Resp:	464647
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.6	44.4
54	54.2	42.7	64.1

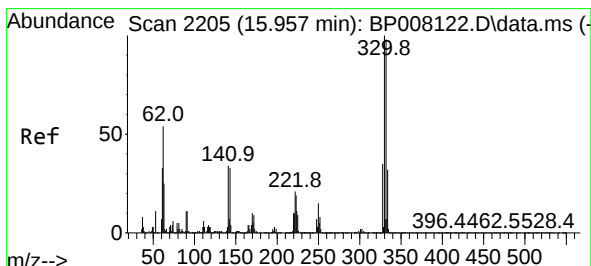
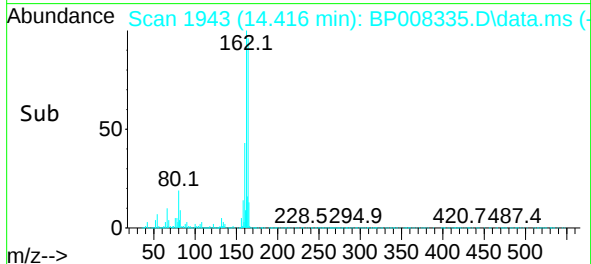
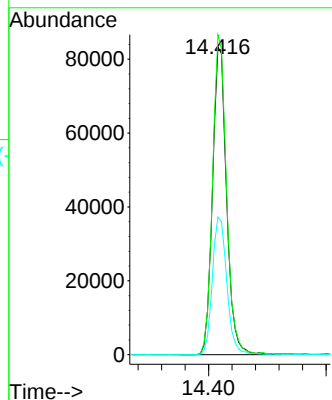
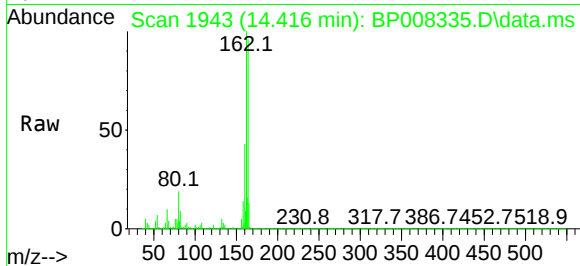




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

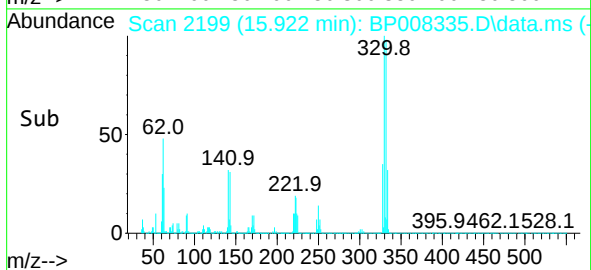
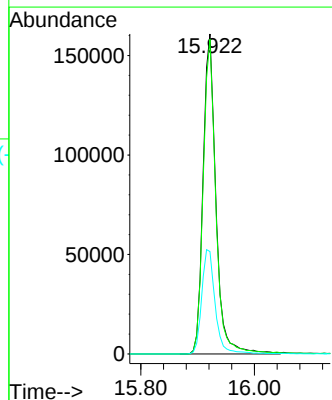
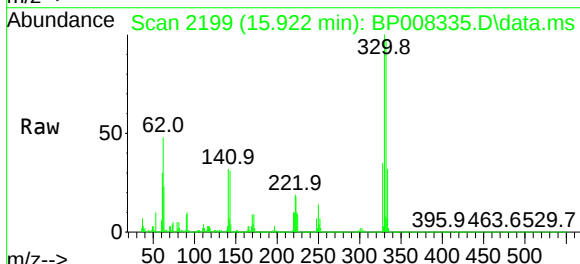
Instrument :
BNA_P
ClientSampleId :
PB141159TB

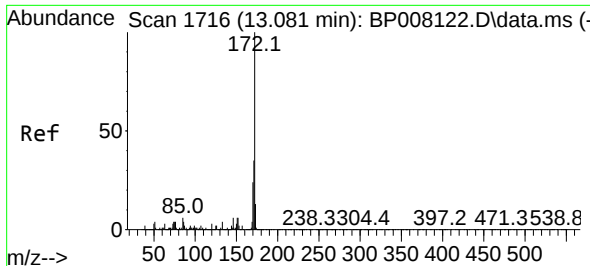
Tgt Ion:164 Resp: 138360
Ion Ratio Lower Upper
164 100
162 104.0 81.9 122.9
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 142.547 ng
RT: 15.922 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

Tgt Ion:330 Resp: 252091
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 34.3 28.4 42.6

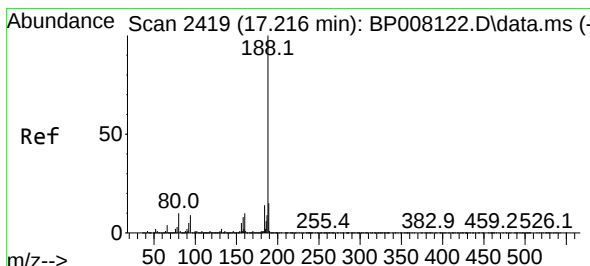
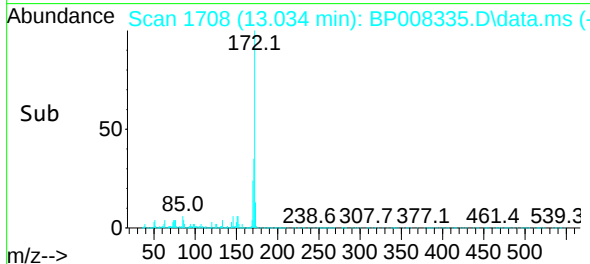
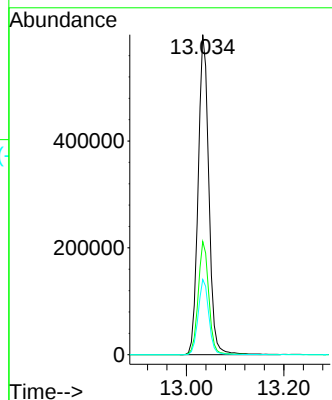
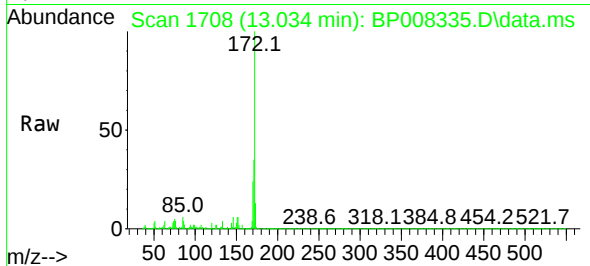




#45
2-Fluorobiphenyl
Concen: 96.238 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

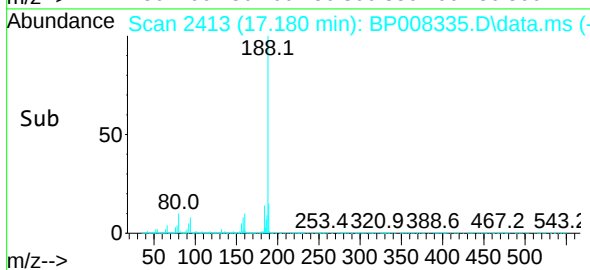
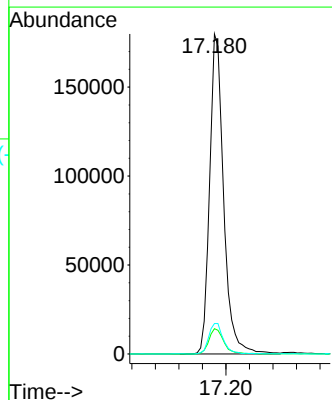
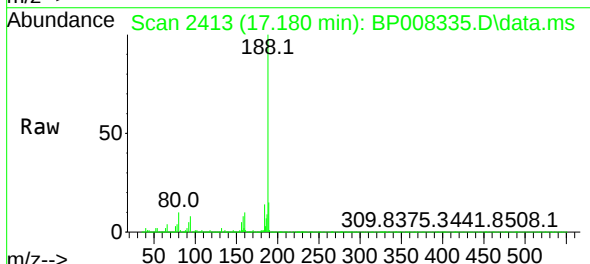
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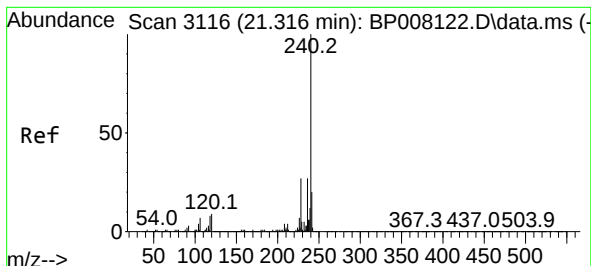
Tgt Ion:172 Resp: 916709
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP008335.D
Acq: 10 Dec 2021 11:37

Tgt Ion:188 Resp: 298179
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.5 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP008335.D

Acq: 10 Dec 2021 11:37

Instrument :

BNA_P

ClientSampleId :

PB141159TB

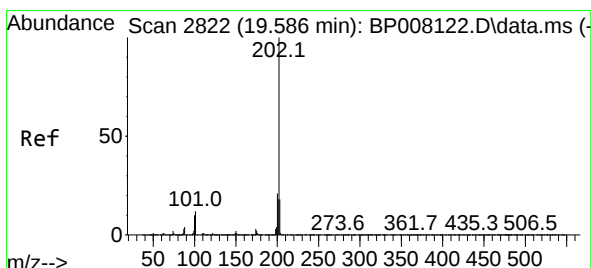
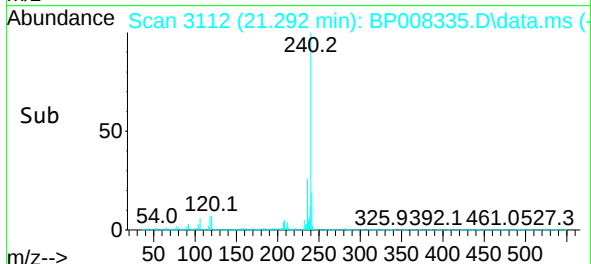
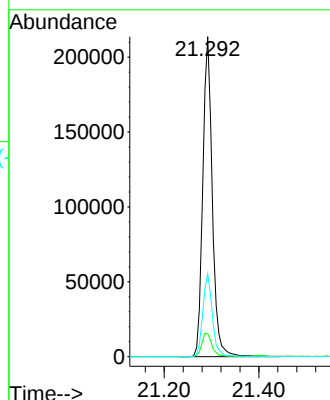
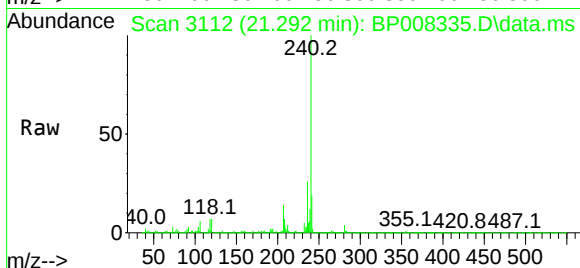
Tgt Ion:240 Resp: 298877

Ion Ratio Lower Upper

240 100

120 7.2 7.3 10.9#

236 25.8 21.4 32.2



#78

Pyrene

Concen: Below Cal

RT: 19.563 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP008335.D

Acq: 10 Dec 2021 11:37

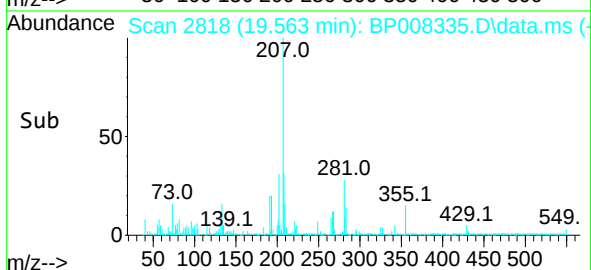
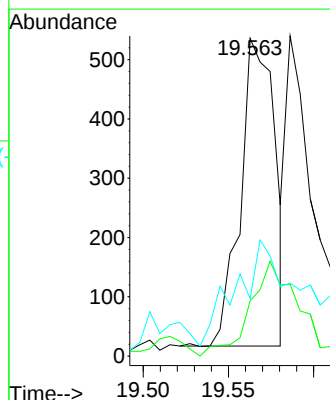
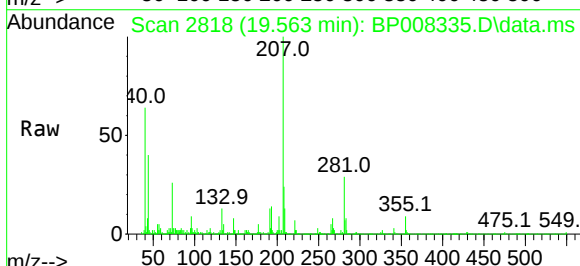
Tgt Ion:202 Resp: 732

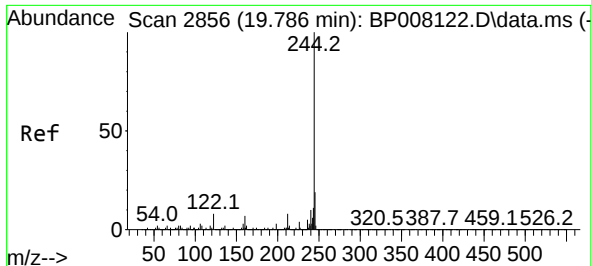
Ion Ratio Lower Upper

202 100

200 17.4 17.1 25.7

203 21.8 14.2 21.2#



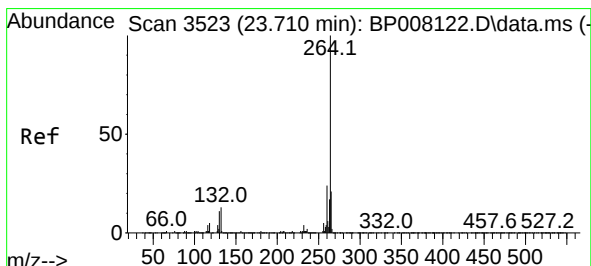
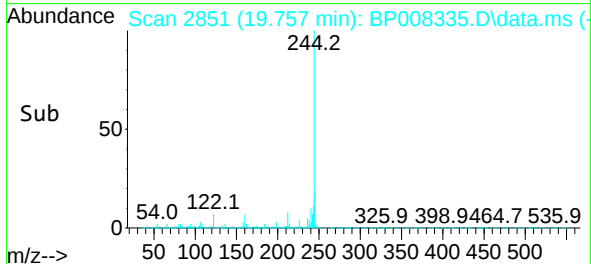
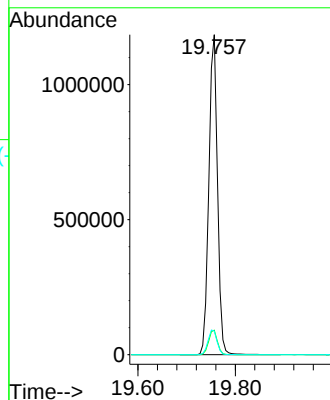
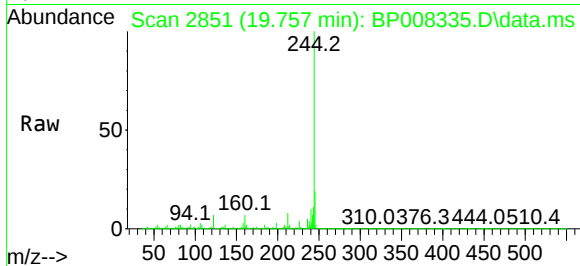


#79
 Terphenyl-d14
 Concen: 101.199 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008335.D
 Acq: 10 Dec 2021 11:37

Instrument :
 BNA_P
 ClientSampleId :
 PB141159TB

Tgt Ion:244 Resp: 1447229

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.4	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.674 min Scan# 3517
 Delta R.T. -0.000 min
 Lab File: BP008335.D
 Acq: 10 Dec 2021 11:37

Tgt Ion:264 Resp: 312008

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

