

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008135.D
 Acq On : 29 Nov 2021 11:00
 Operator : CG/JU
 Sample : PB140849BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140849BL

Quant Time: Nov 29 11:42:18 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)

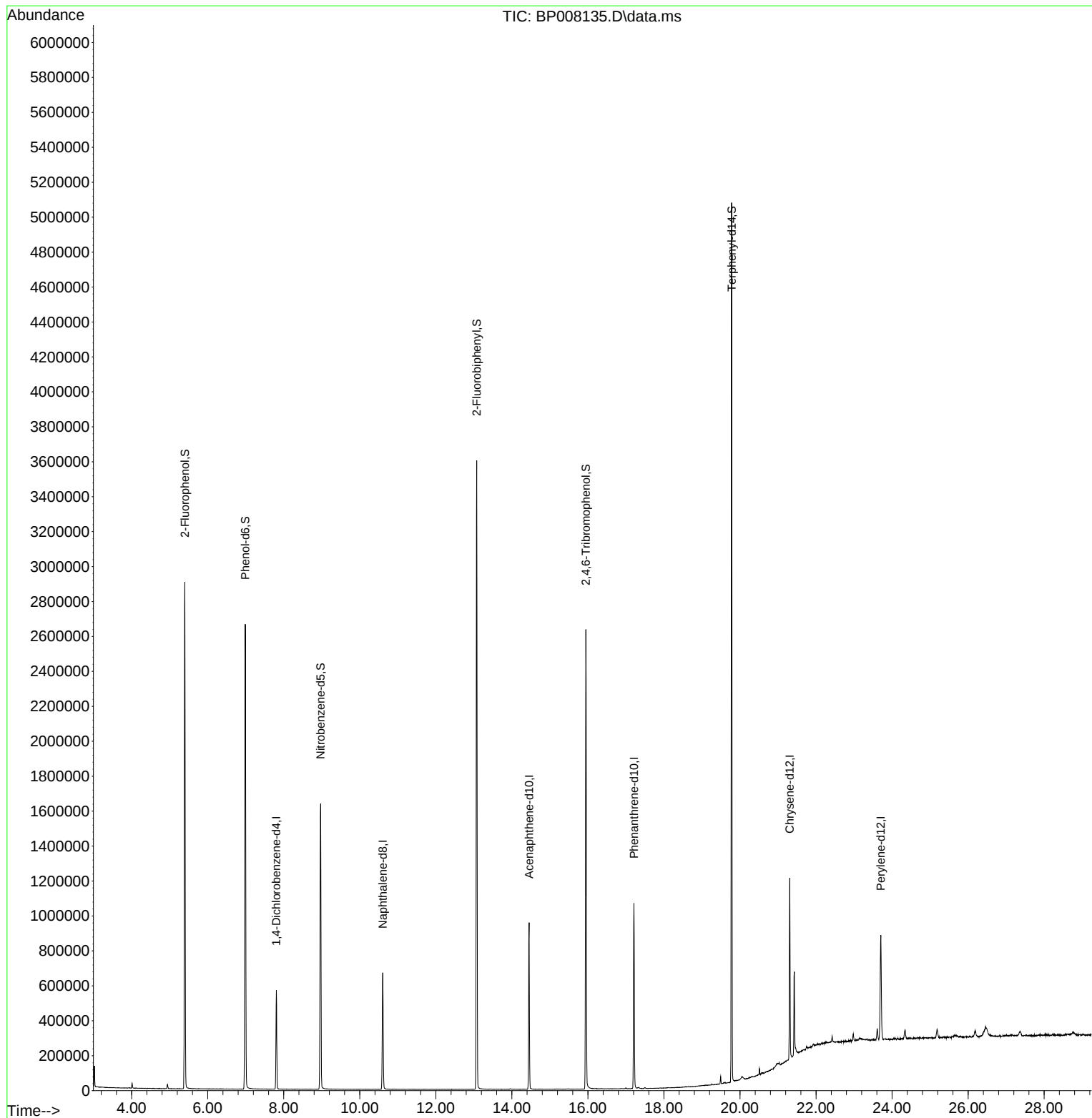
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	140424	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	513827	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	318709	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	632853	20.000	ng	0.00
76) Chrysene-d12	21.310	240	509807	20.000	ng	0.00
86) Perylene-d12	23.704	264	456878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1130363	129.607	ng	0.00
7) Phenol-d6	6.987	99	1434037	121.803	ng	-0.01
23) Nitrobenzene-d5	8.969	82	967937	85.661	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	474567	116.497	ng	-0.01
45) 2-Fluorobiphenyl	13.075	172	1828259	83.324	ng	0.00
79) Terphenyl-d14	19.781	244	2291320	93.931	ng	0.00
Target Compounds						
9) Benzaldehyde	6.928	77	197	Below Cal	#	47
78) Pyrene	19.586	202	295	Below Cal	#	84

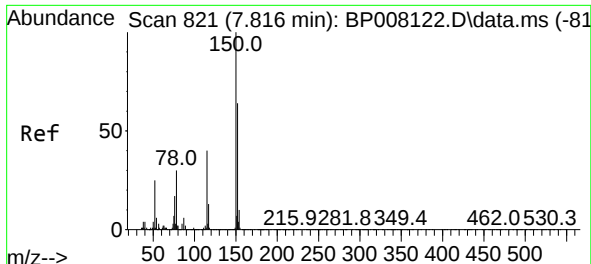
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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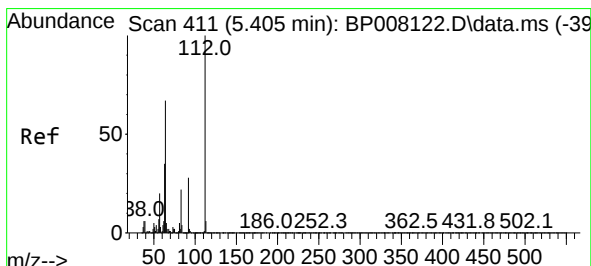
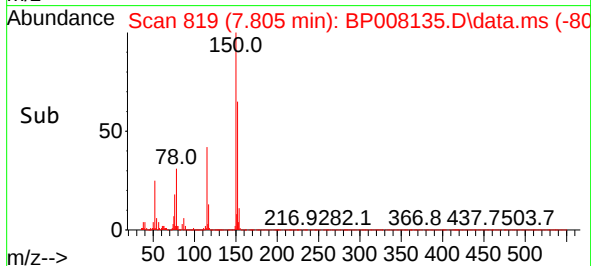
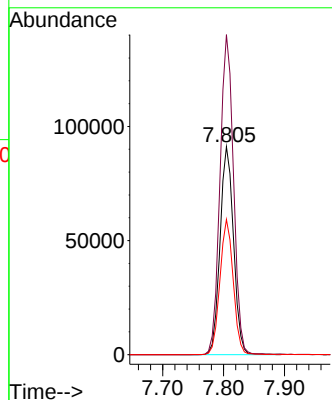
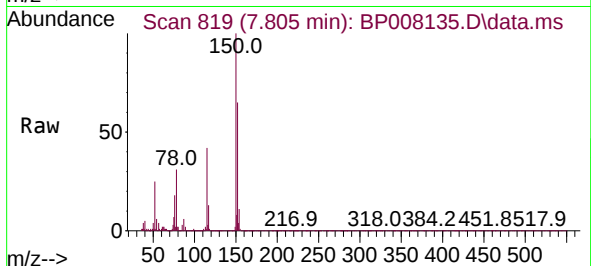




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

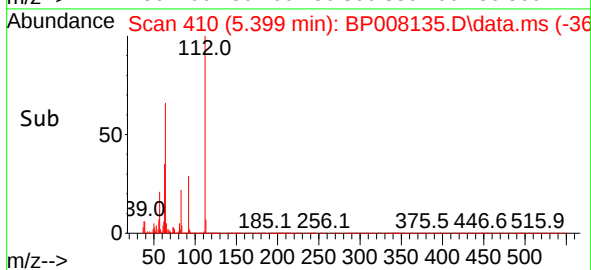
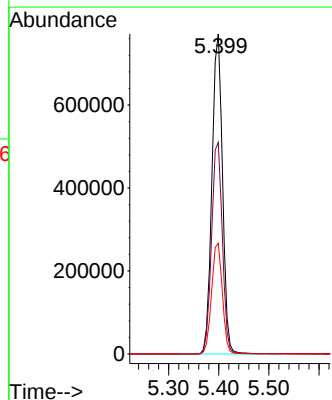
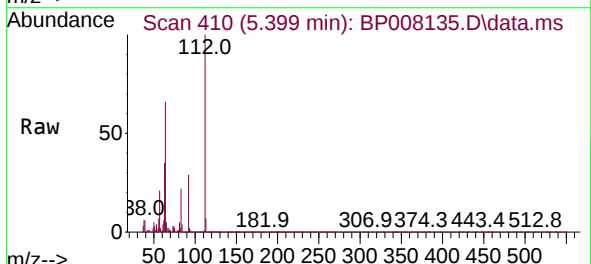
Instrument :
BNA_P
ClientSampleId :
PB140849BL

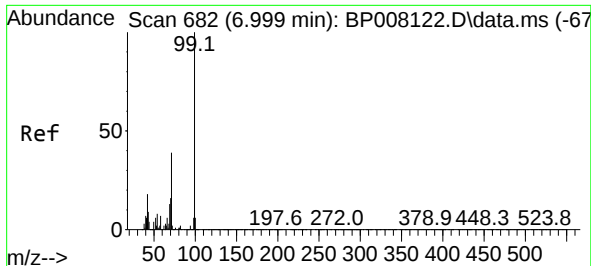
Tgt Ion:152 Resp: 140424
Ion Ratio Lower Upper
152 100
150 153.9 125.7 188.5
115 65.0 50.7 76.1



#5
2-Fluorophenol
Concen: 129.607 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

Tgt Ion:112 Resp: 1130363
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 34.6 27.8 41.8

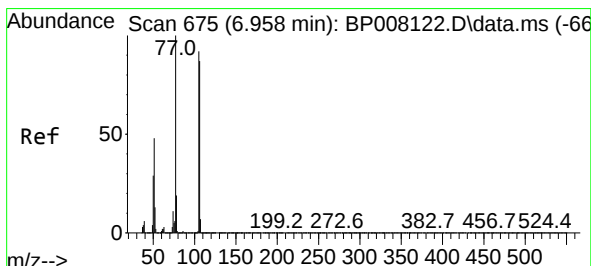
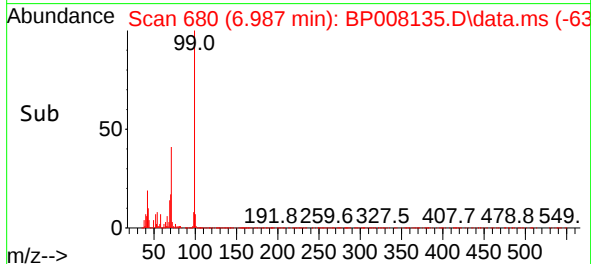
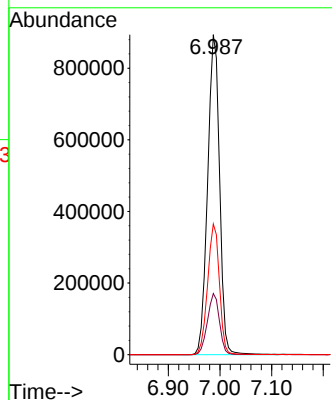
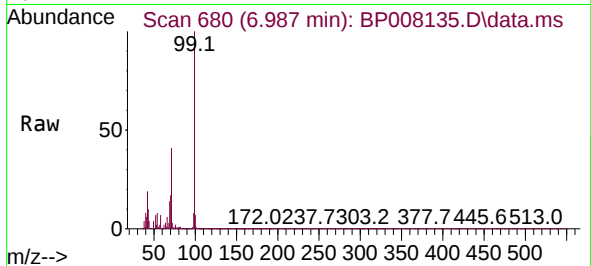




#7
Phenol-d6
Concen: 121.803 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

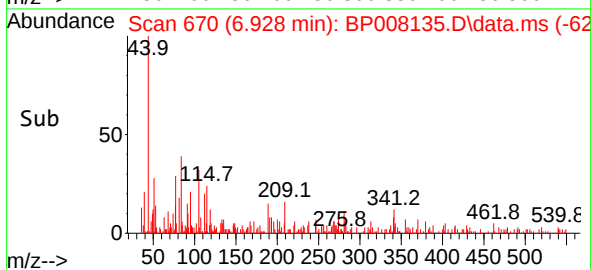
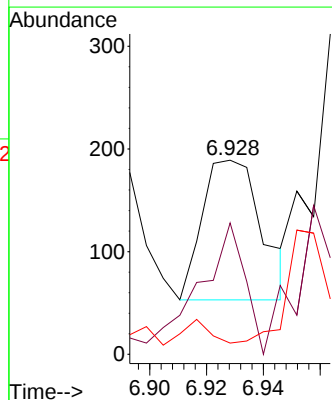
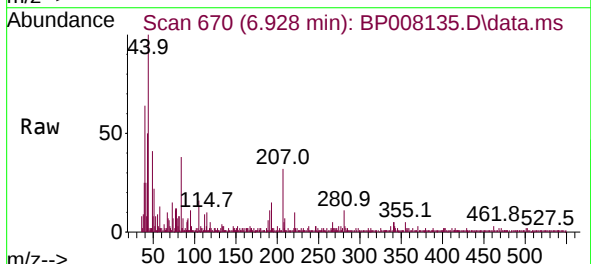
Instrument :
BNA_P
ClientSampleId :
PB140849BL

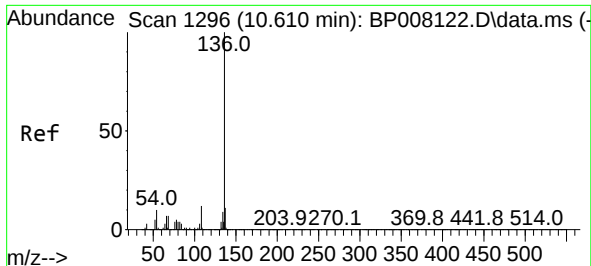
Tgt Ion: 99 Resp: 1434037
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 40.9 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.928 min Scan# 670
Delta R.T. -0.030 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

Tgt Ion: 77 Resp: 197
Ion Ratio Lower Upper
77 100
105 73.5 71.8 111.8
106 5.8 67.3 107.3#

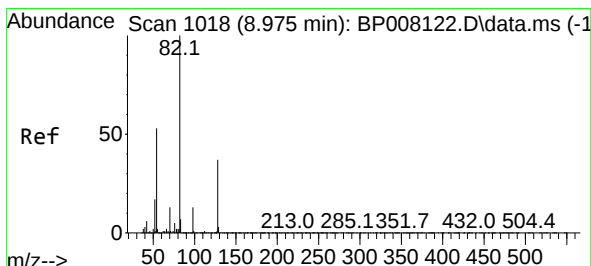
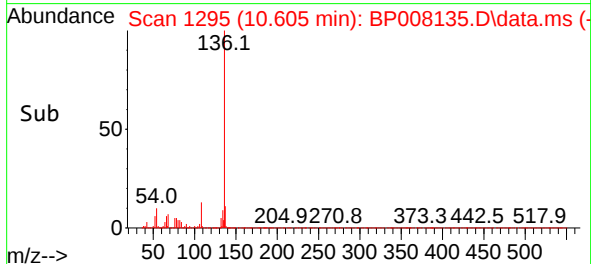
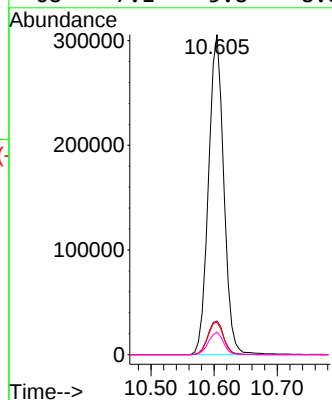
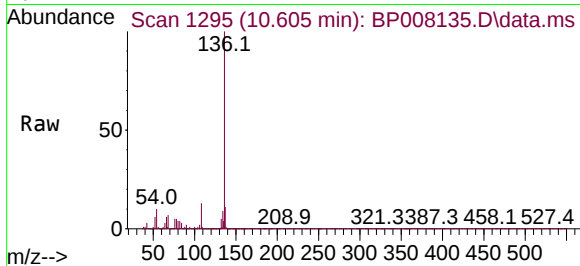




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

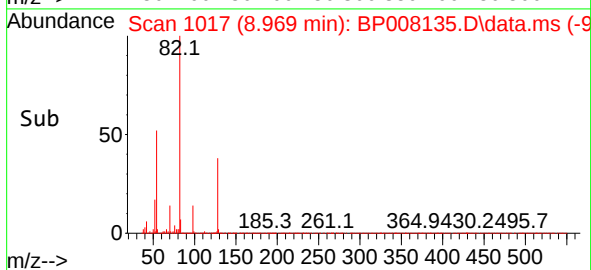
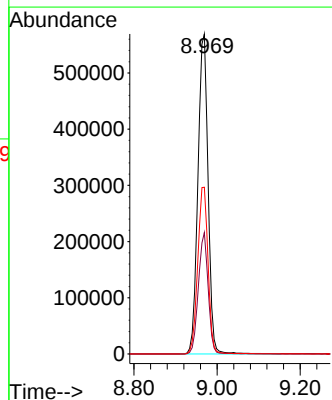
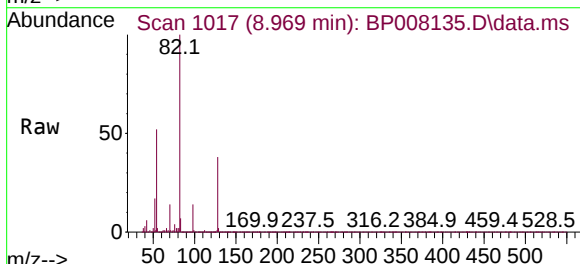
Instrument :
BNA_P
ClientSampleId :
PB140849BL

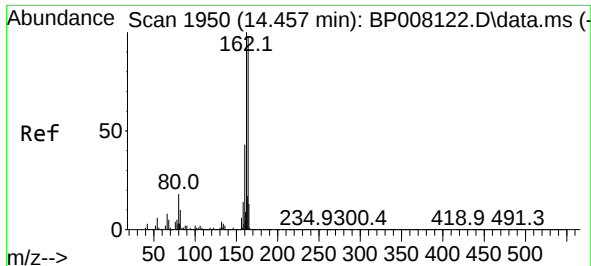
Tgt Ion:	136	Resp:	513827
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	10.2	8.2	12.4
68	7.1	5.8	8.8



#23
Nitrobenzene-d5
Concen: 85.661 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

Tgt Ion:	82	Resp:	967937
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.6	44.4
54	52.1	42.7	64.1

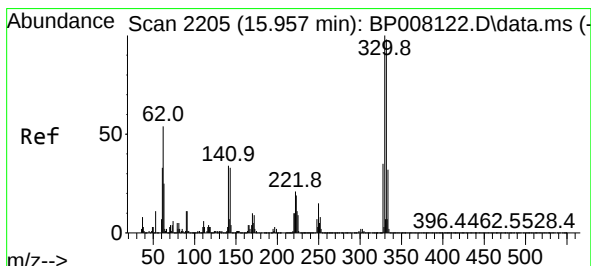
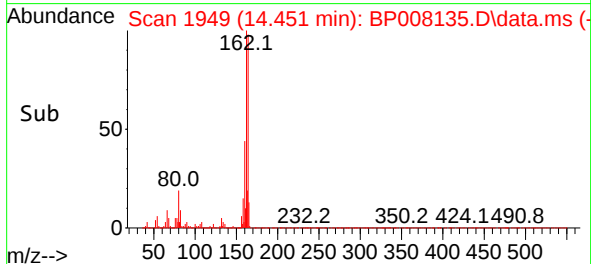
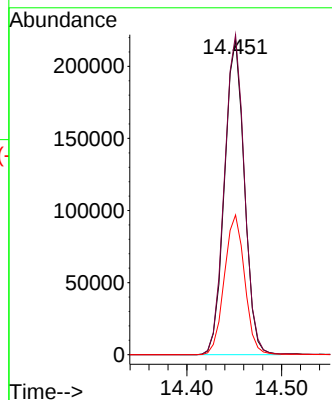
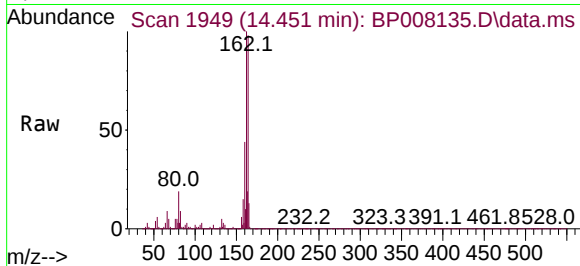




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

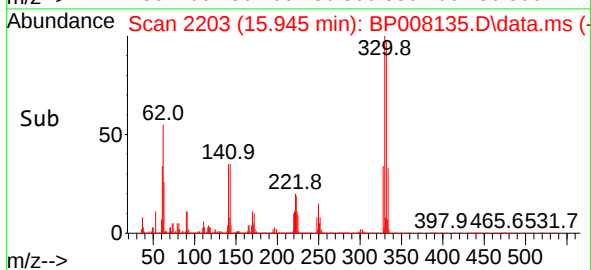
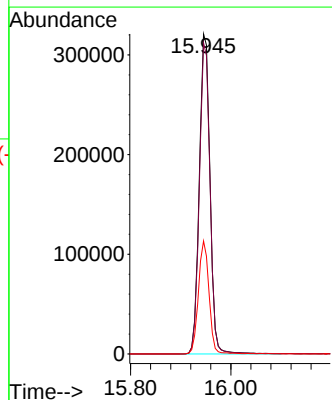
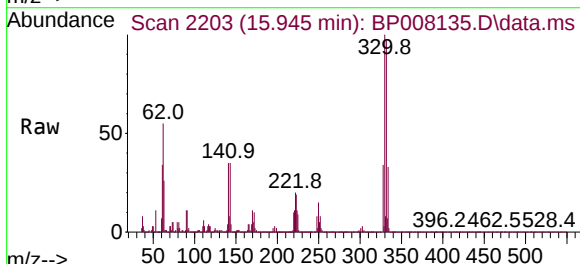
Instrument :
BNA_P
ClientSampleId :
PB140849BL

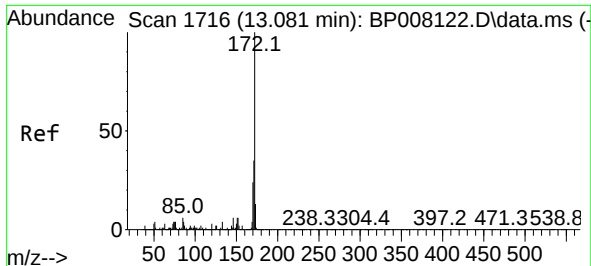
Tgt Ion:164 Resp: 318709
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 116.497 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

Tgt Ion:330 Resp: 474567
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 34.9 28.4 42.6

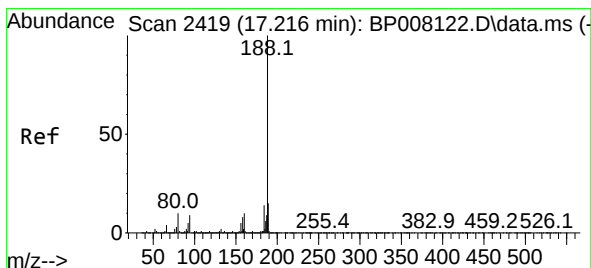
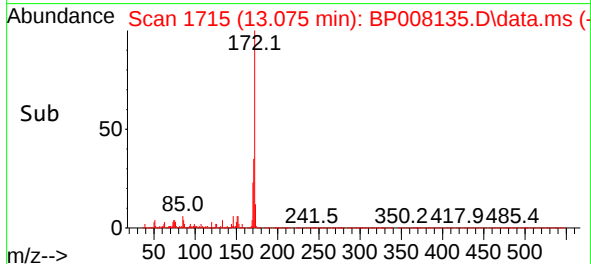
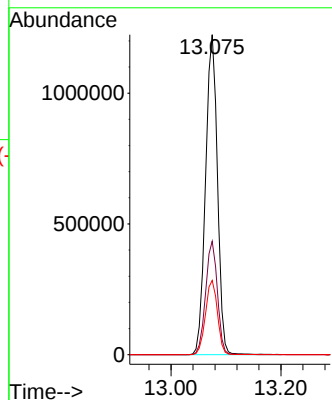
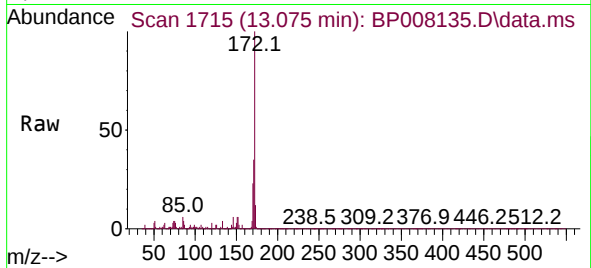




#45
2-Fluorobiphenyl
Concen: 83.324 ng
RT: 13.075 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

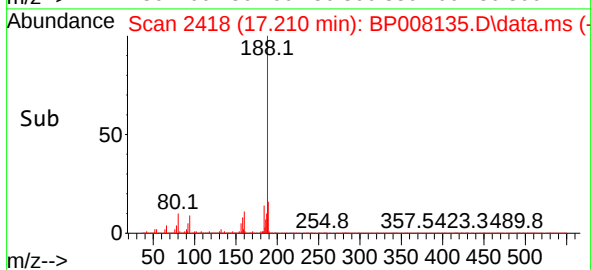
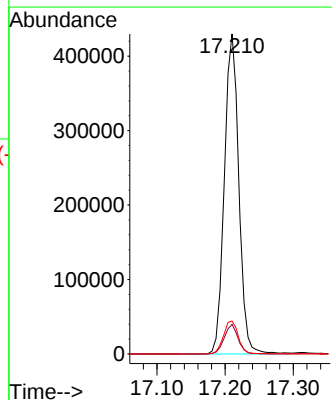
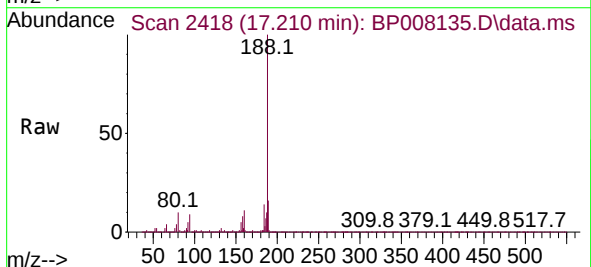
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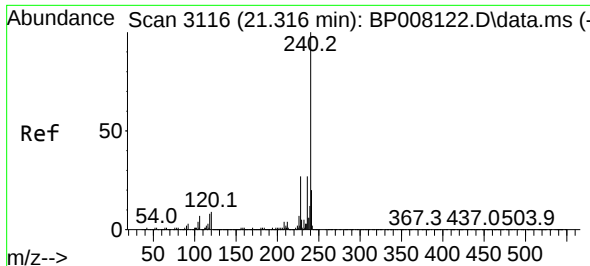
Tgt Ion:172 Resp: 1828259
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

Tgt Ion:188 Resp: 632853
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.3 8.2 12.4

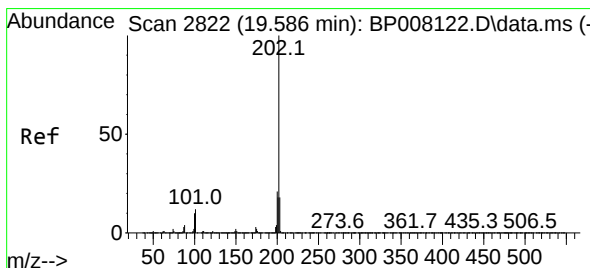
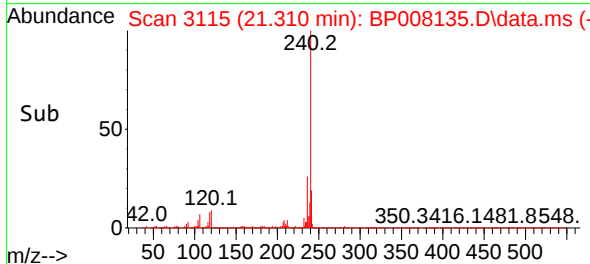
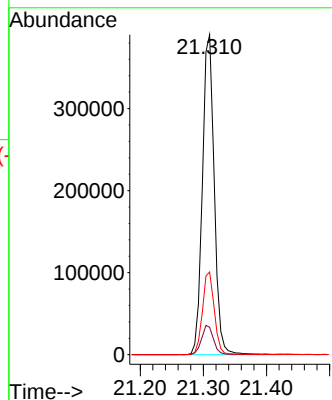
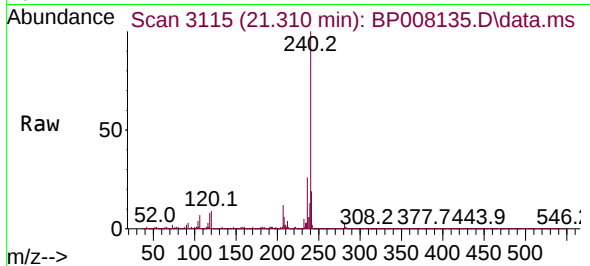




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

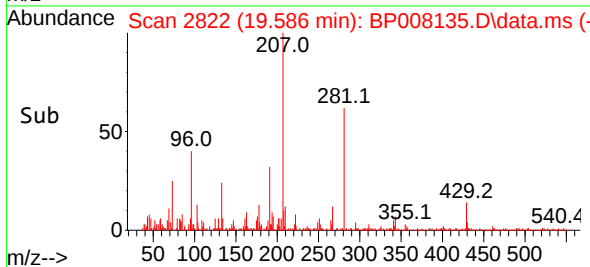
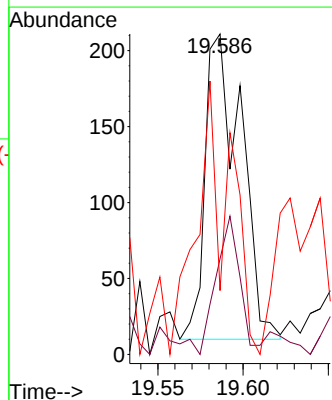
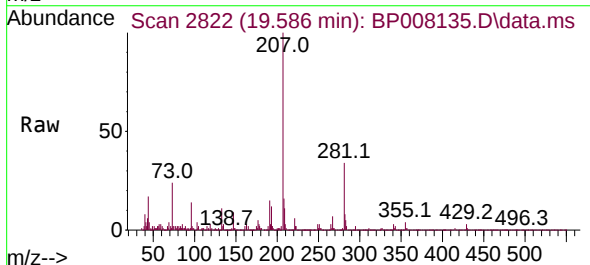
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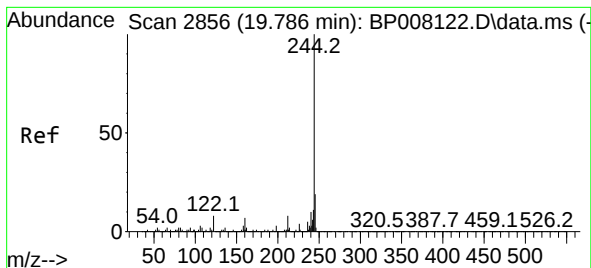
Tgt Ion:240 Resp: 509807
Ion Ratio Lower Upper
240 100
120 8.6 7.3 10.9
236 25.9 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP008135.D
Acq: 29 Nov 2021 11:00

Tgt Ion:202 Resp: 295
Ion Ratio Lower Upper
202 100
200 29.9 17.1 25.7#
203 23.2 14.2 21.2#





#79

Terphenyl-d14

Concen: 93.931 ng

RT: 19.781 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP008135.D

Acq: 29 Nov 2021 11:00

Instrument :

BNA_P

ClientSampleId :

PB140849BL

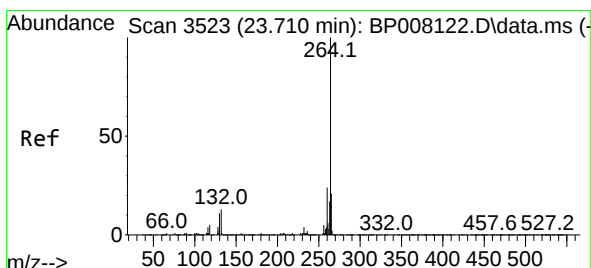
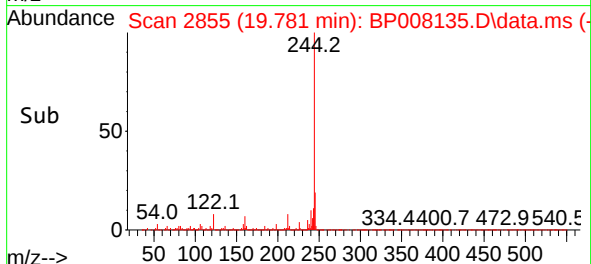
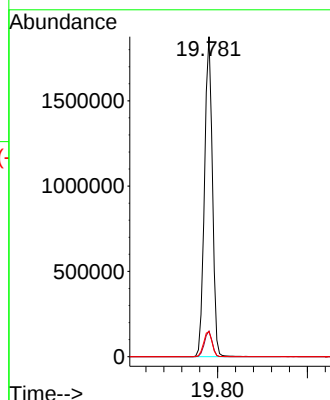
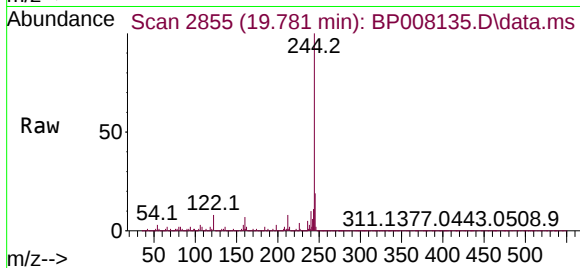
Tgt Ion:244 Resp: 2291320

Ion Ratio Lower Upper

244 100

212 8.0 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. -0.006 min

Lab File: BP008135.D

Acq: 29 Nov 2021 11:00

Tgt Ion:264 Resp: 456878

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.5 17.6 26.4

