

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008018.D
 Acq On : 18 Nov 2021 16:04
 Operator : CG/JU
 Sample : PB140857BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140857BL

Quant Time: Nov 18 17:14:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

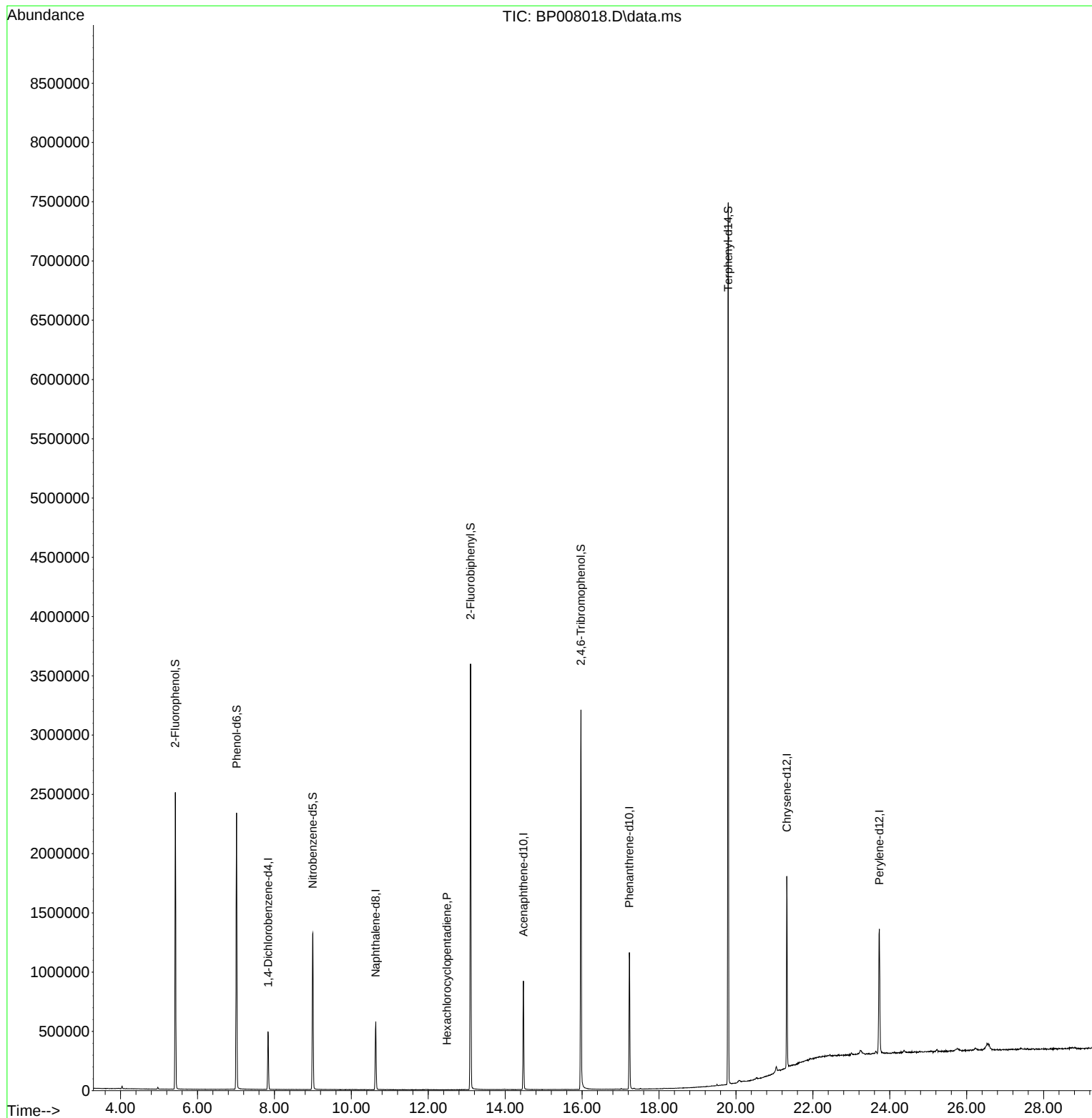
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	133505	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	462390	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	318263	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	721510	20.000	ng	#-0.01
76) Chrysene-d12	21.321	240	804845	20.000	ng	#-0.01
86) Perylene-d12	23.727	264	844569	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1062501	129.105	ng	0.00
7) Phenol-d6	7.016	99	1289498	117.779	ng	0.00
23) Nitrobenzene-d5	8.999	82	761927	88.180	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	666442	133.089	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1833071	80.791	ng	0.00
79) Terphenyl-d14	19.798	244	3444966	86.792	ng	0.00
Target Compounds						
9) Benzaldehyde	6.969	77	82	Below Cal	#	14
16) 2,2'-oxybis(1-Chloropr...	8.357	45	159	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.487	237	10	3.071 ng		86

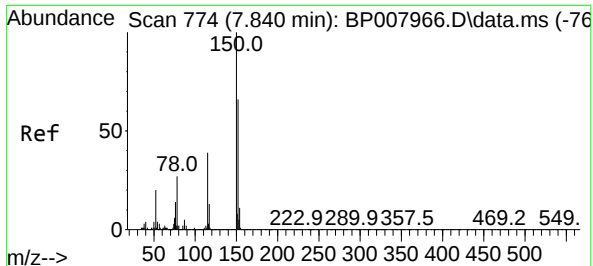
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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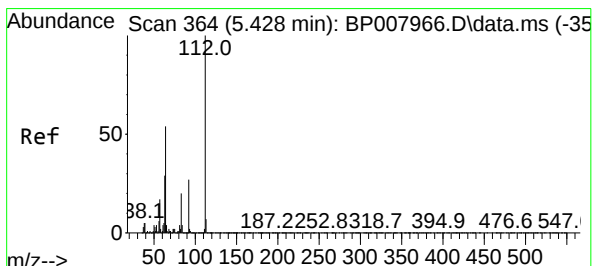
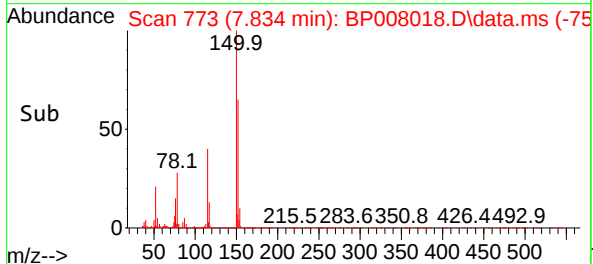
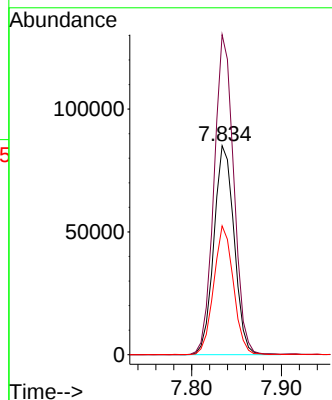
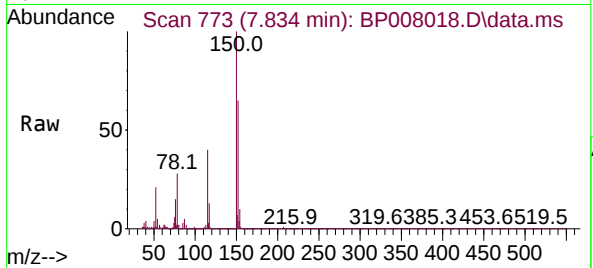




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

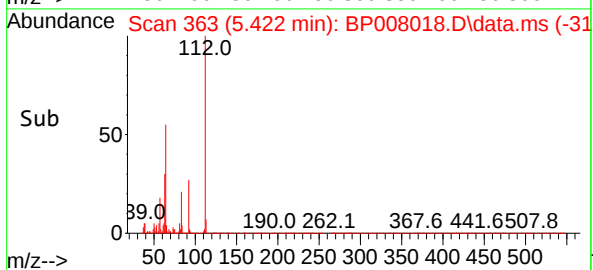
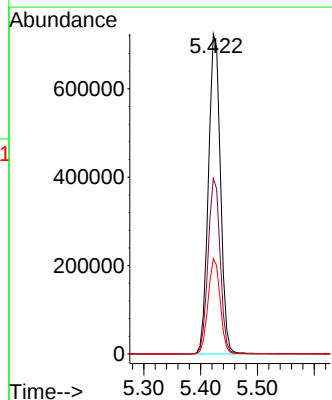
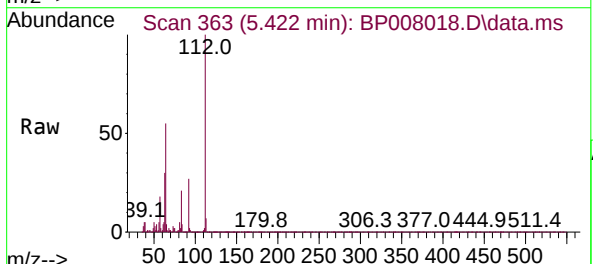
Instrument :
BNA_P
ClientSampleId :
PB140857BL

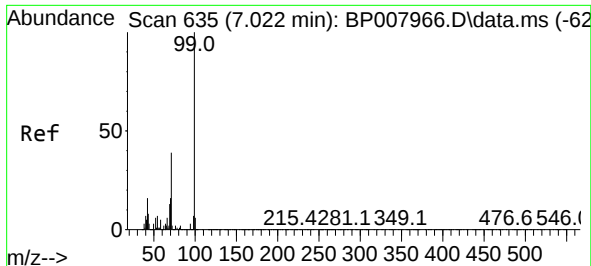
Tgt Ion:152 Resp: 133505
Ion Ratio Lower Upper
152 100
150 153.2 124.1 186.1
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 129.105 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

Tgt Ion:112 Resp: 1062501
Ion Ratio Lower Upper
112 100
64 54.8 46.6 70.0
63 29.8 25.0 37.6

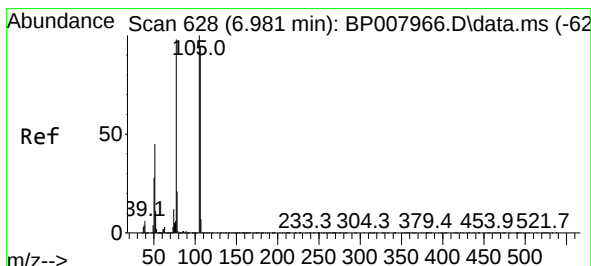
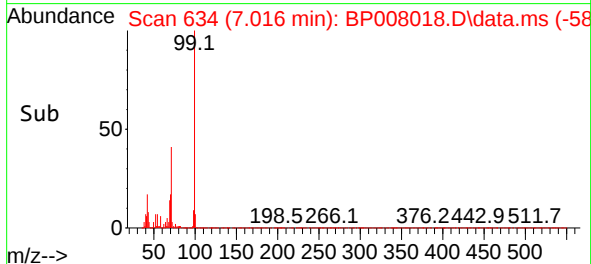
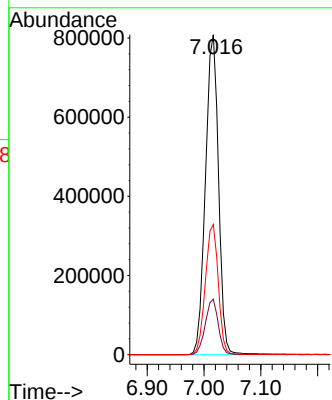
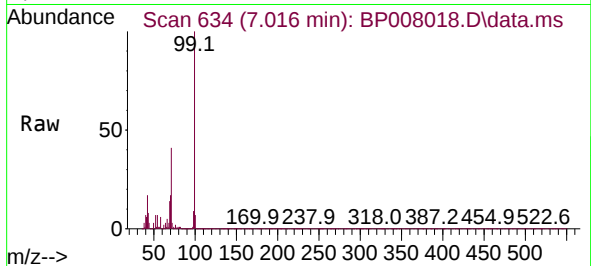




#7
Phenol-d6
Concen: 117.779 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

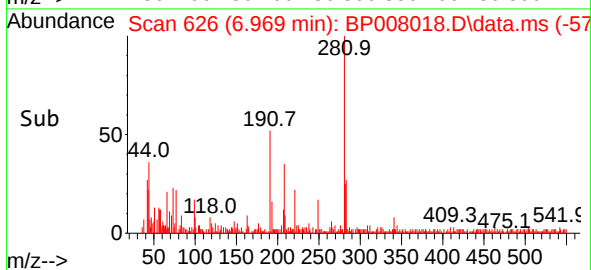
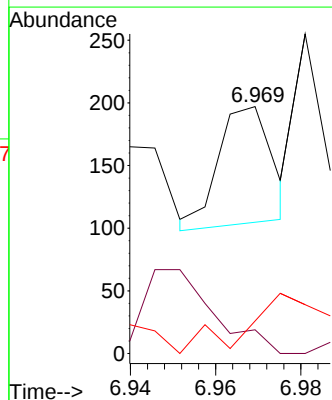
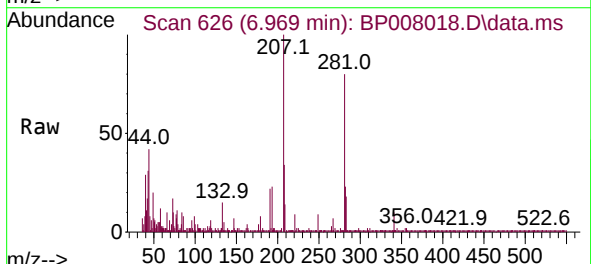
Instrument :
BNA_P
ClientSampleId :
PB140857BL

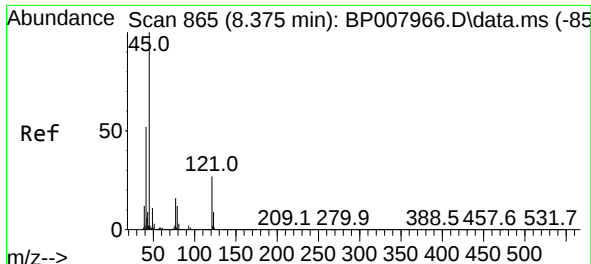
Tgt Ion: 99 Resp: 1289498
Ion Ratio Lower Upper
99 100
42 17.4 14.9 22.3
71 40.7 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.969 min Scan# 626
Delta R.T. -0.012 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

Tgt Ion: 77 Resp: 82
Ion Ratio Lower Upper
77 100
105 9.6 77.5 117.5#
106 13.2 72.1 112.1#

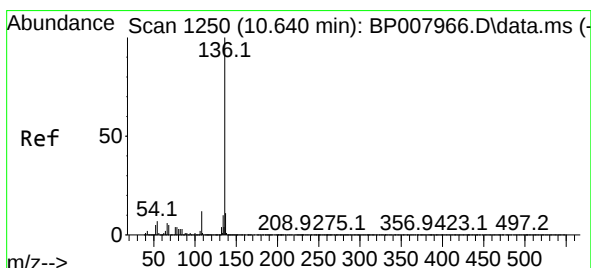
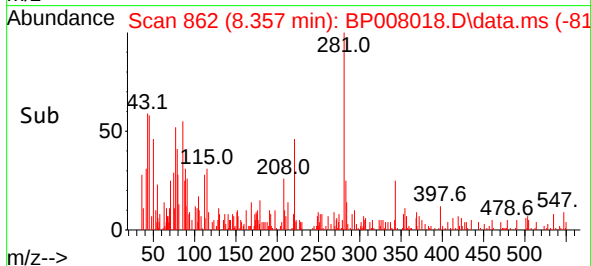
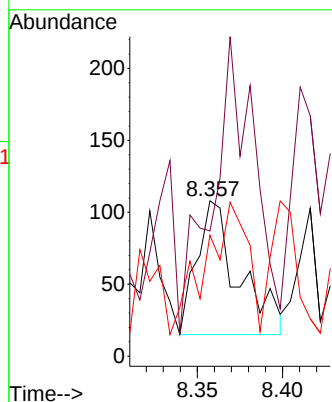
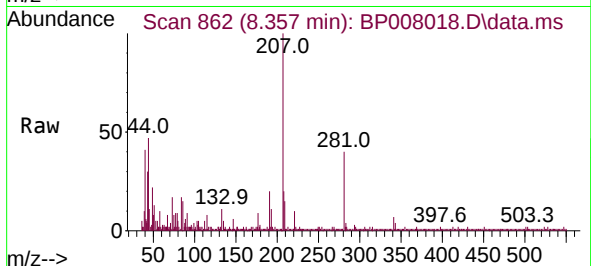




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.357 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

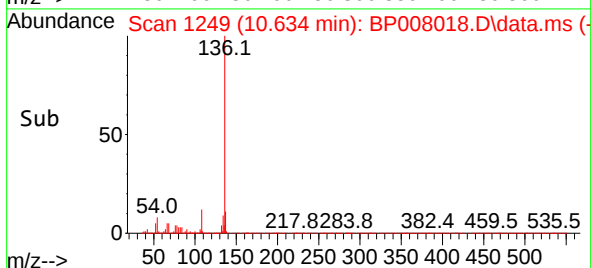
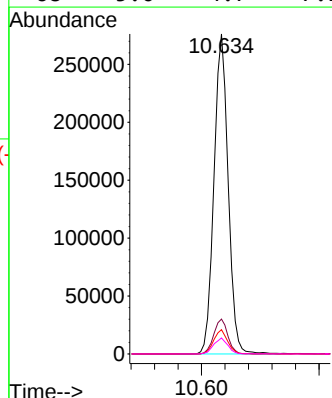
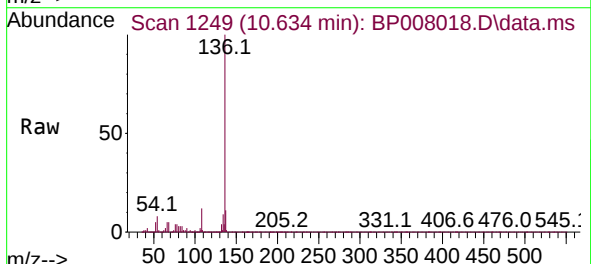
Instrument :
BNA_P
ClientSampleId :
PB140857BL

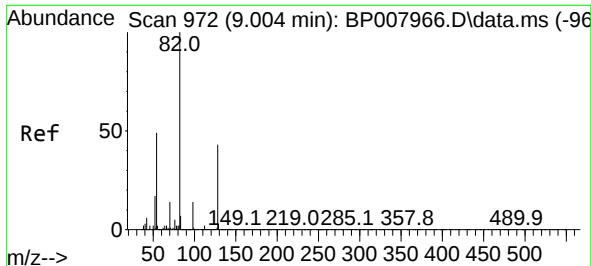
Tgt Ion: 45 Resp: 159
Ion Ratio Lower Upper
45 100
77 80.6 0.0 34.9#
79 77.8 0.0 31.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

Tgt Ion:136 Resp: 462390
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 6.2 9.4
68 5.0 4.7 7.1

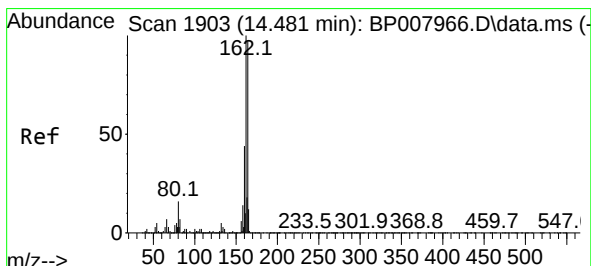
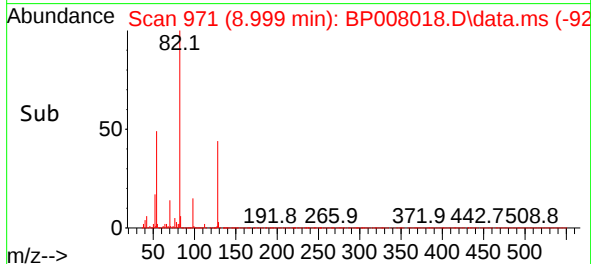
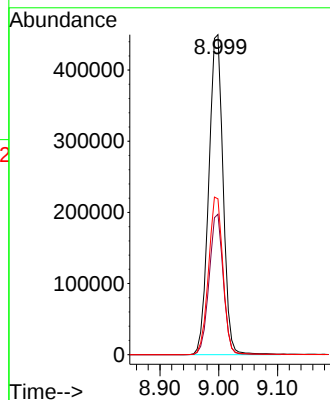
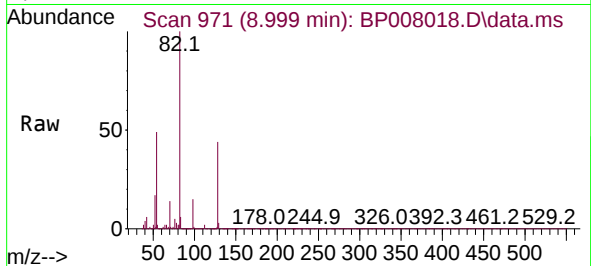




#23
Nitrobenzene-d5
Concen: 88.180 ng
RT: 8.999 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

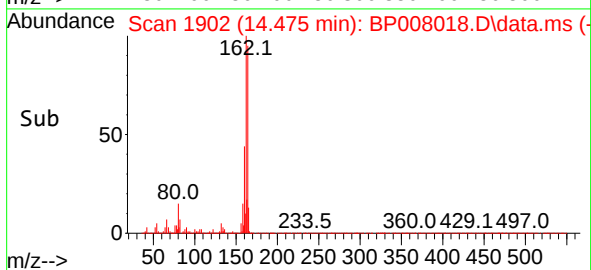
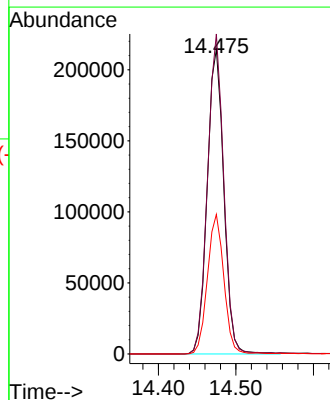
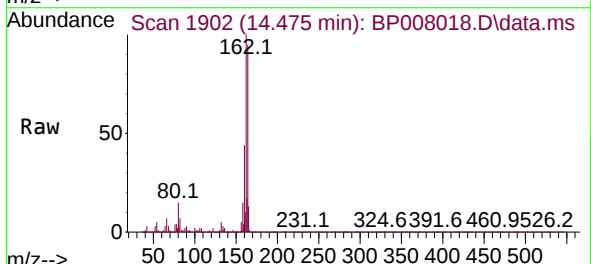
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ClientSampleId :
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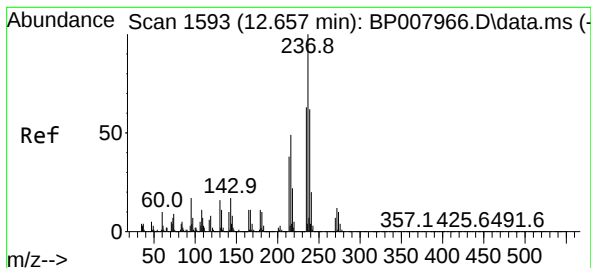
Tgt Ion: 82 Resp: 761927
Ion Ratio Lower Upper
82 100
128 43.9 32.6 48.8
54 48.7 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

Tgt Ion: 164 Resp: 318263
Ion Ratio Lower Upper
164 100
162 105.0 81.1 121.7
160 45.8 36.0 54.0





#41

Hexachlorocyclopentadiene

Concen: 3.071 ng

RT: 12.487 min Scan# 1

Delta R.T. -0.170 min

Lab File: BP008018.D

Acq: 18 Nov 2021 16:04

Instrument :

BNA_P

ClientSampleId :

PB140857BL

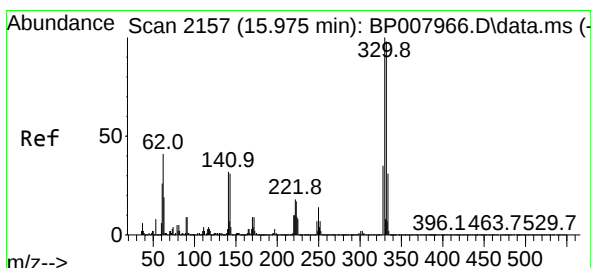
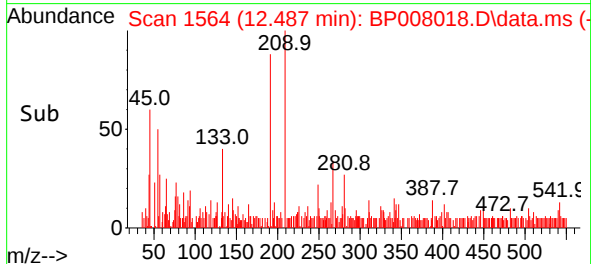
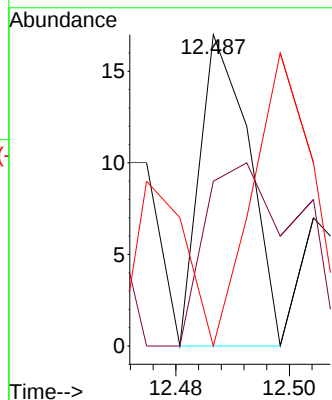
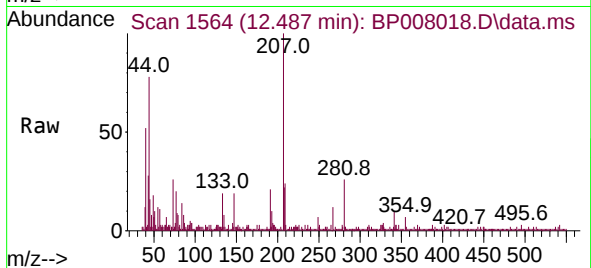
Tgt Ion:237 Resp: 10

Ion Ratio Lower Upper

237 100

235 52.9 41.2 81.2

272 0.0 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 133.089 ng

RT: 15.969 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BP008018.D

Acq: 18 Nov 2021 16:04

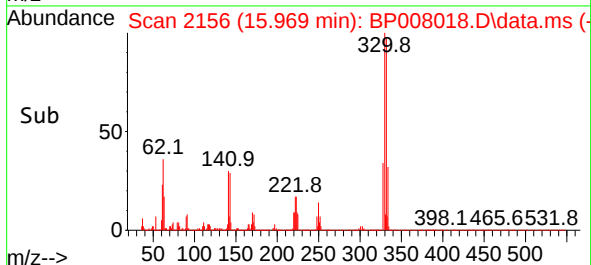
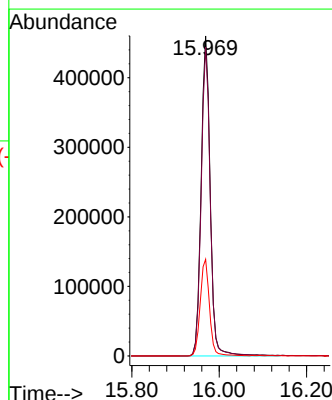
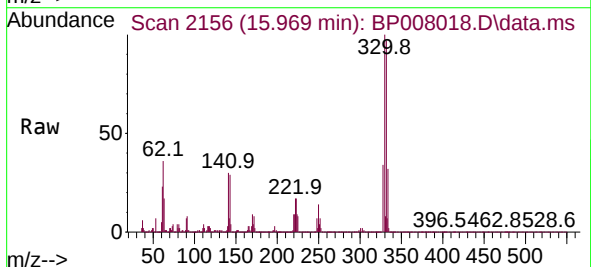
Tgt Ion:330 Resp: 666442

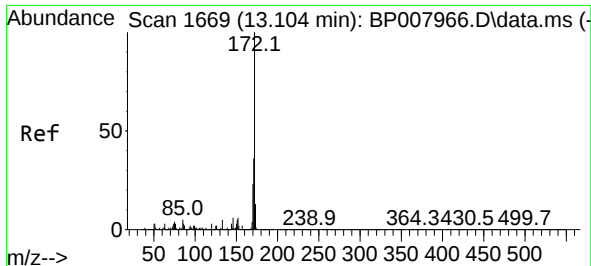
Ion Ratio Lower Upper

330 100

332 96.1 78.9 118.3

141 30.8 30.7 46.1

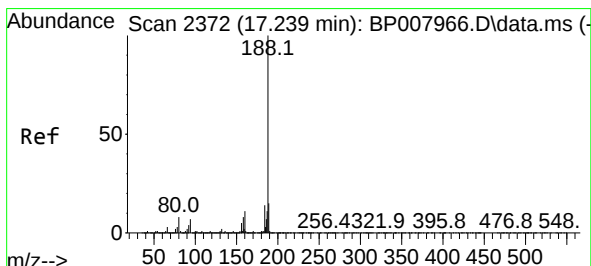
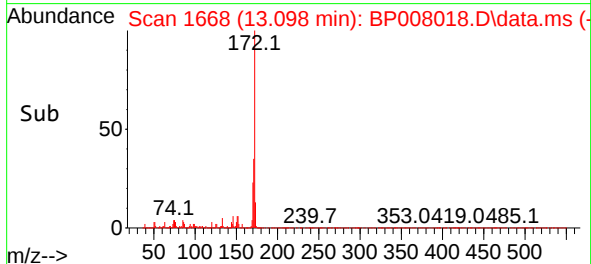
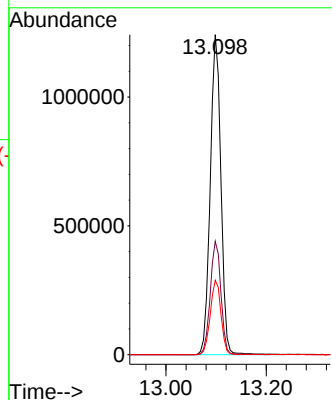
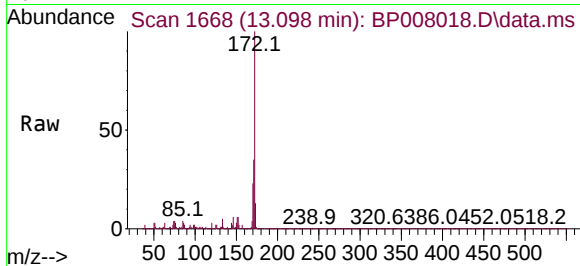




#45
2-Fluorobiphenyl
Concen: 80.791 ng
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

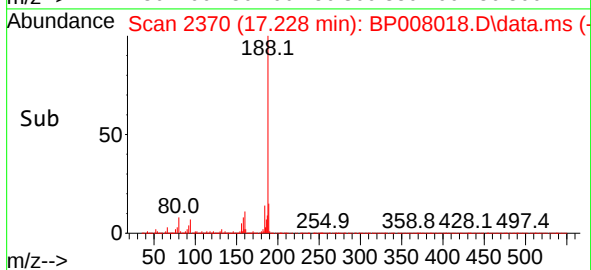
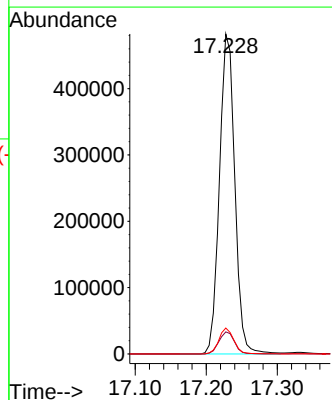
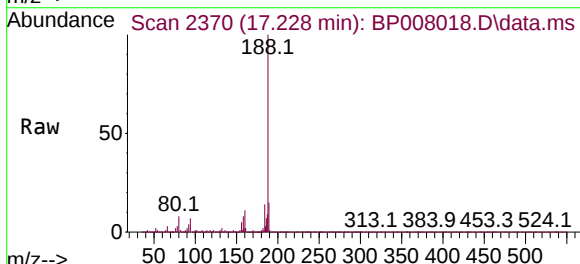
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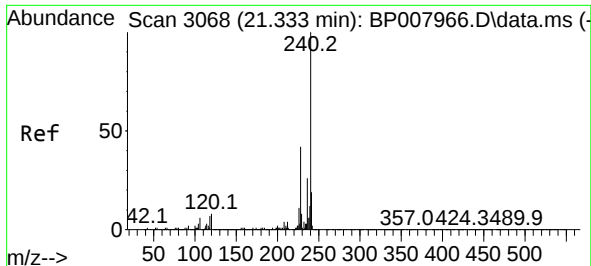
Tgt Ion:172 Resp: 1833071
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

Tgt Ion:188 Resp: 721510
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 8.1 7.8 11.6

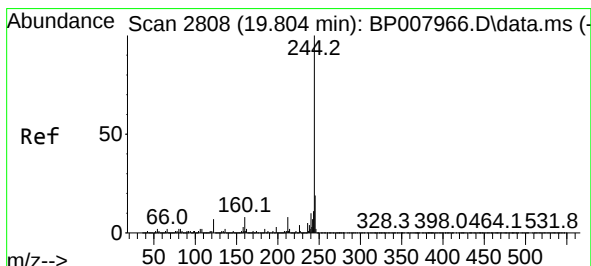
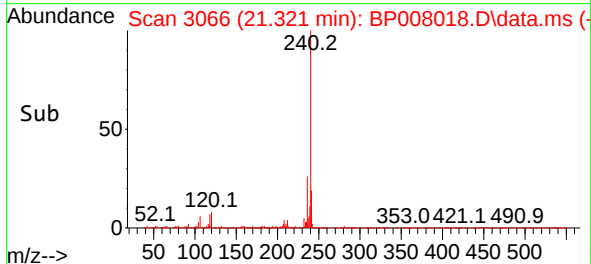
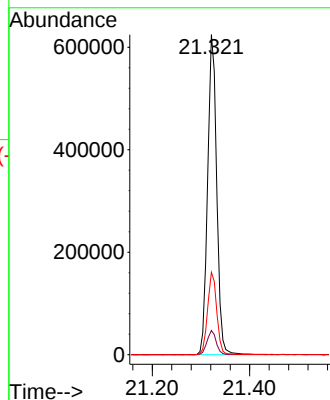
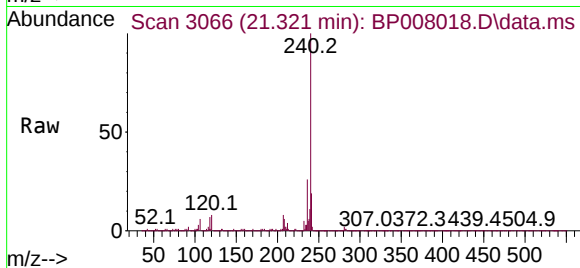




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

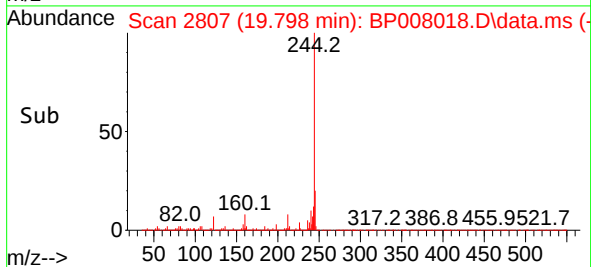
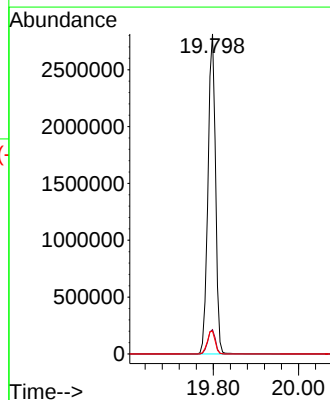
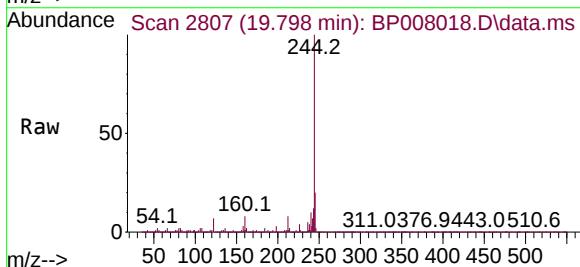
Instrument :
BNA_P
ClientSampleId :
PB140857BL

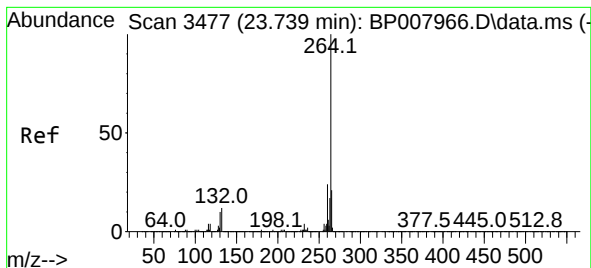
Tgt Ion:240 Resp: 804845
Ion Ratio Lower Upper
240 100
120 7.5 7.8 11.8#
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 86.792 ng
RT: 19.798 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BP008018.D
Acq: 18 Nov 2021 16:04

Tgt Ion:244 Resp: 3444966
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.1 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP008018.D

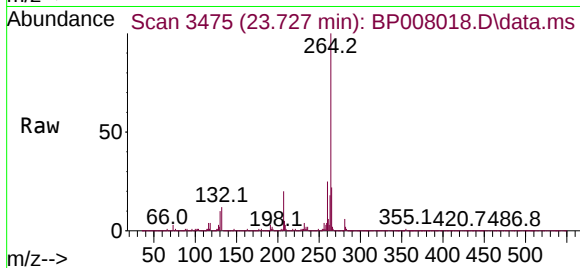
Acq: 18 Nov 2021 16:04

Instrument :

BNA_P

ClientSampleId :

PB140857BL



Tgt Ion:264 Resp: 844569

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.0 16.7 25.1

