

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101920\
 Data File : BP003670.D
 Acq On : 19 Oct 2020 16:11
 Operator : CG/JU
 Sample : PB132380BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132380BL

Quant Time: Oct 19 16:40:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 19 14:54:24 2020
 Response via : Initial Calibration

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

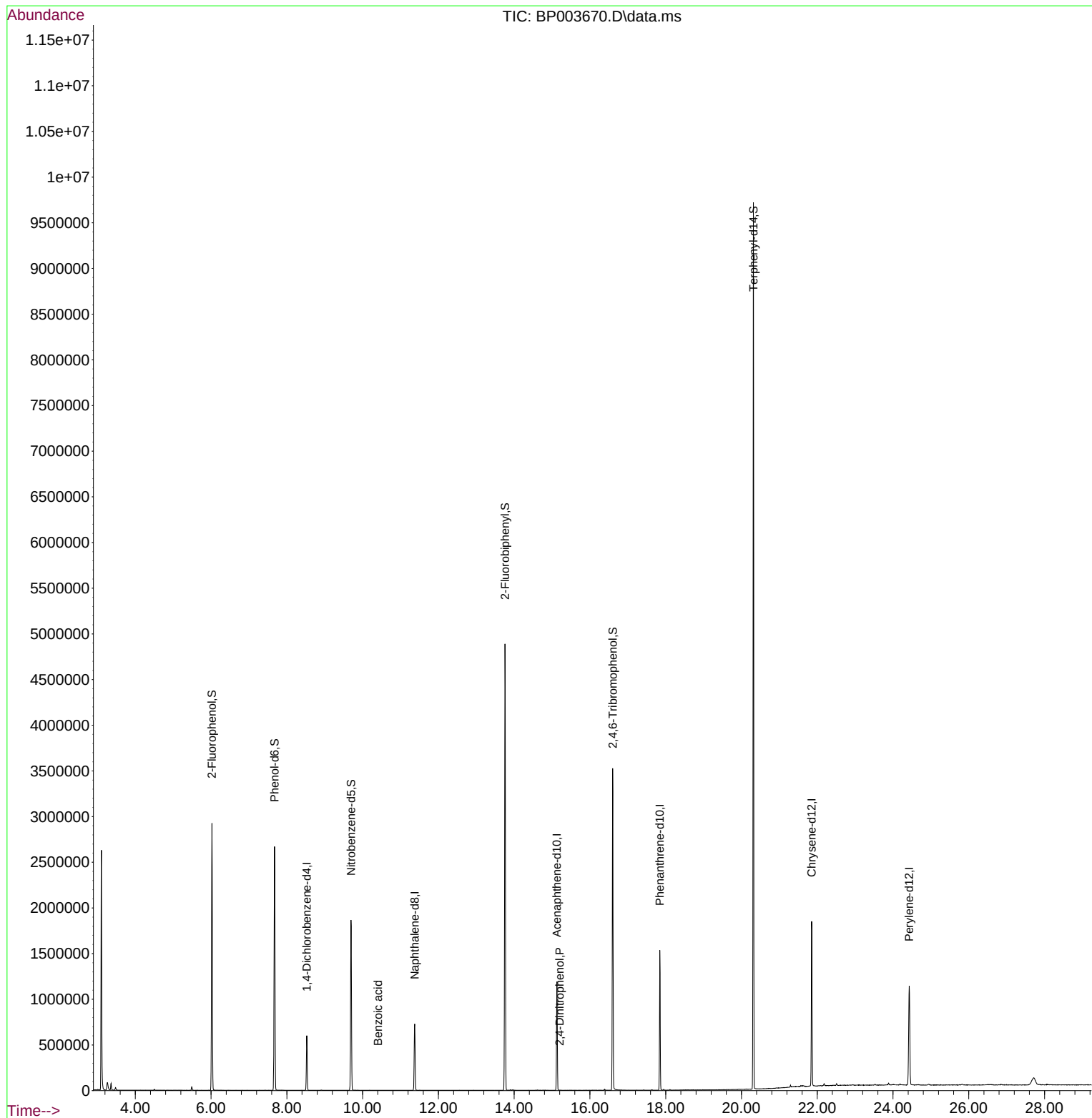
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	157188	20.00	ng	0.00
21) Naphthalene-d8	11.375	136	573209	20.00	ng	# 0.00
39) Acenaphthene-d10	15.128	164	380969	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	872962	20.00	ng	0.00
76) Chrysene-d12	21.851	240	950919	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	892334	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	1160760	123.48	ng	0.00
7) Phenol-d6	7.675	99	1504808	113.31	ng	0.00
23) Nitrobenzene-d5	9.693	82	1081255	79.80	ng	0.00
42) 2,4,6-Tribromophenol	16.604	330	678984	114.24	ng	0.00
45) 2-Fluorobiphenyl	13.757	172	2407250	81.69	ng	0.00
79) Terphenyl-d14	20.316	244	4095730	75.75	ng	0.00
Target Compounds						
9) Benzaldehyde	7.622	77	140	Below Cal	#	Qvalue 6
32) Benzoic acid	10.410	122	13	5.04	ng	89
54) 2,4-Dinitrophenol	15.198	184	5	4.83	ng	# 66

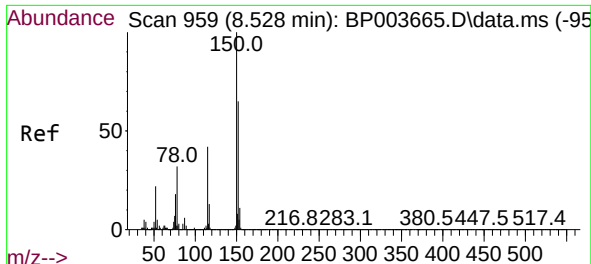
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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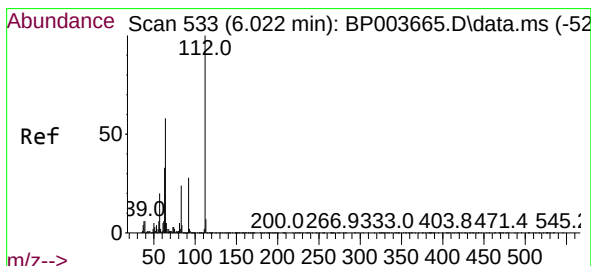
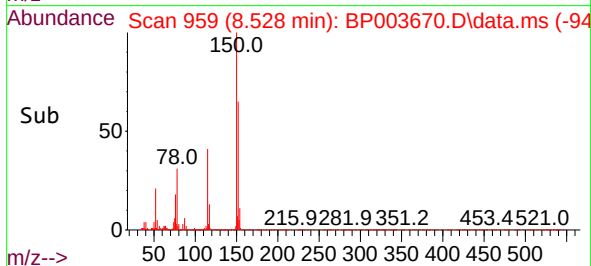
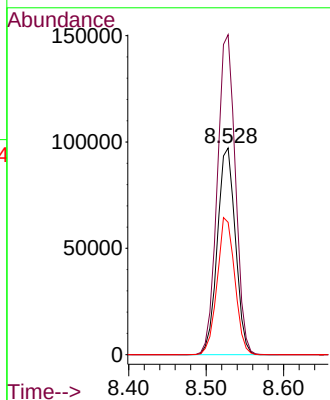
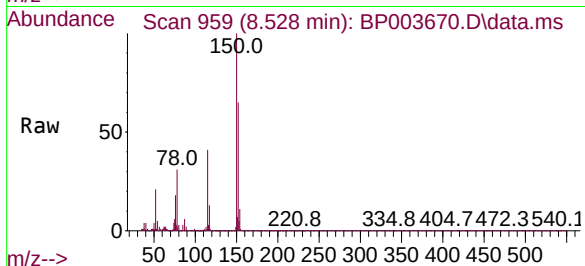




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

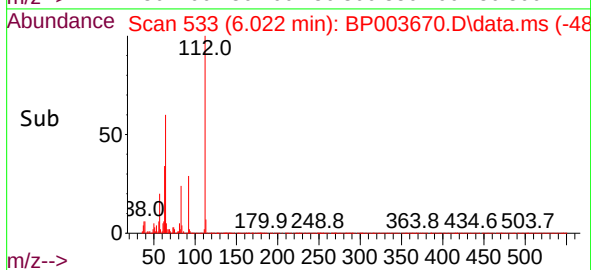
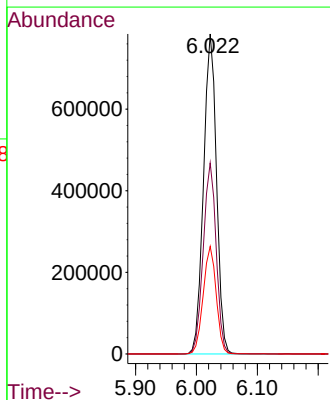
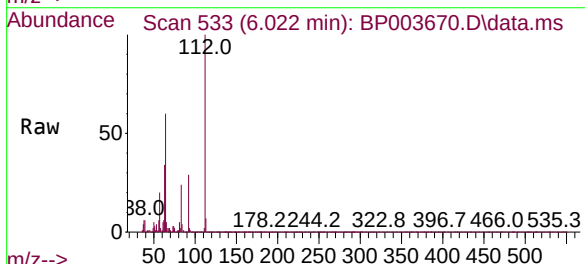
Instrument :
BNA_P
ClientSampleId :
PB132380BL

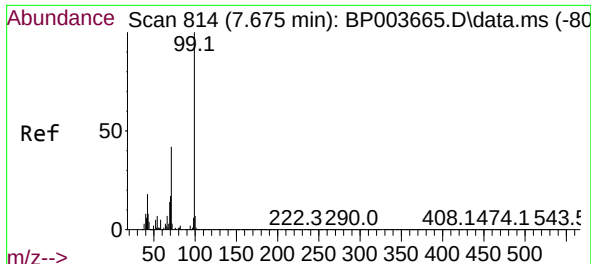
Tgt Ion:152 Resp: 157188
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 64.0 43.8 65.6



#5
2-Fluorophenol
Concen: 123.48 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Tgt Ion:112 Resp: 1160760
Ion Ratio Lower Upper
112 100
64 59.7 32.8 49.2#
63 33.6 17.0 25.4#

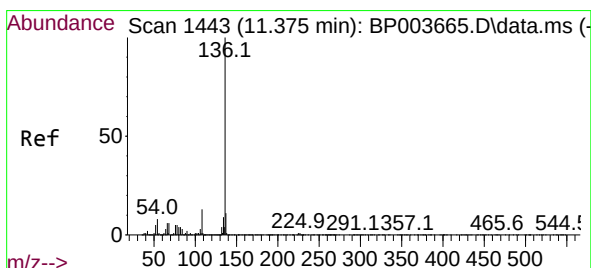
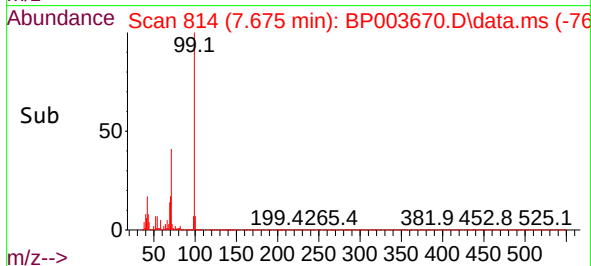
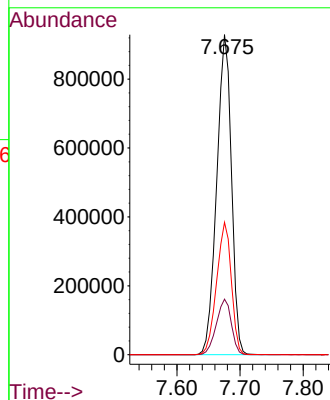
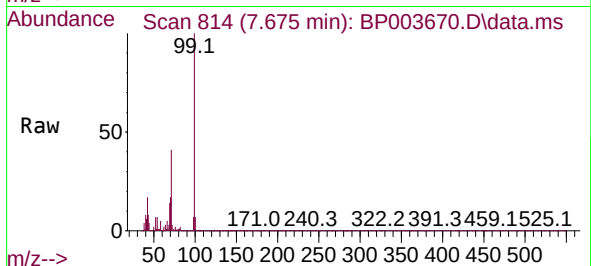




#7
Phenol-d6
Concen: 113.31 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

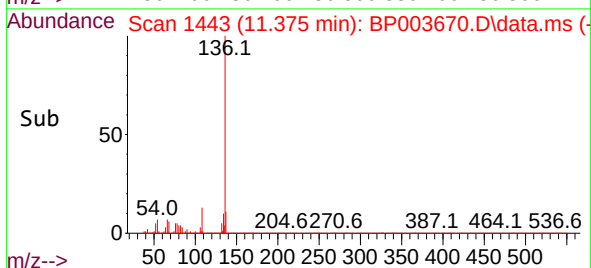
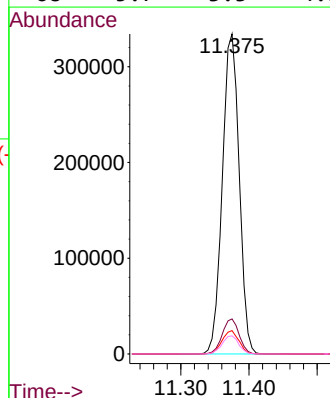
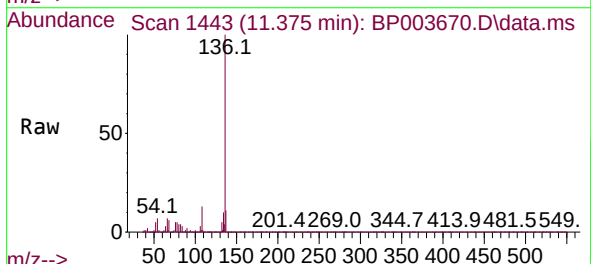
Instrument :
BNA_P
ClientSampleId :
PB132380BL

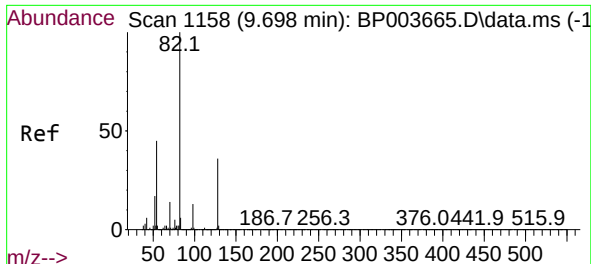
Tgt Ion: 99 Resp: 1504808
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 41.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Tgt Ion: 136 Resp: 573209
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 3.6 5.4#
68 5.7 3.3 4.9#

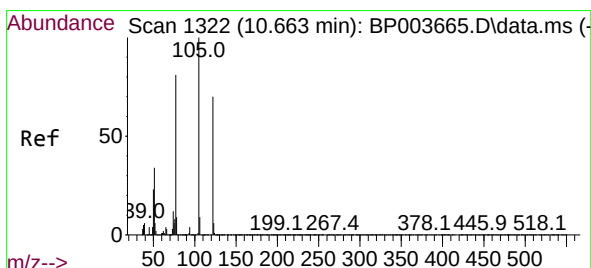
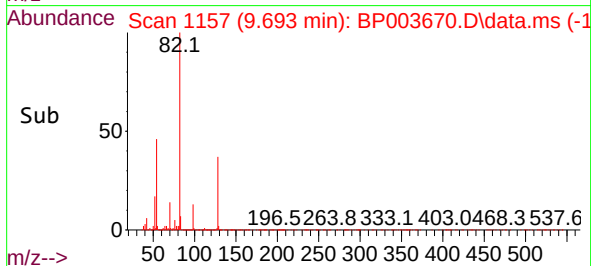
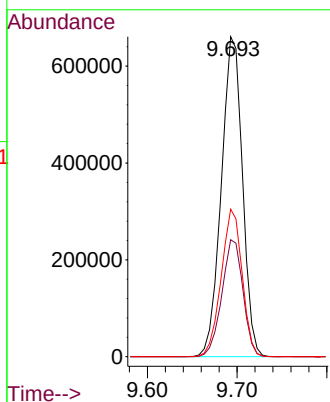
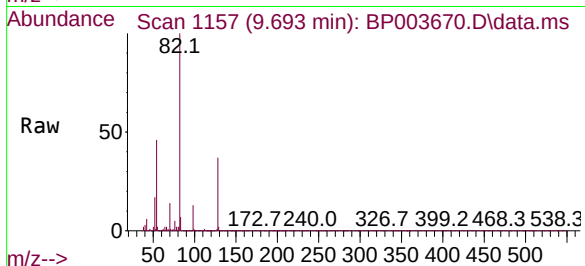




#23
Nitrobenzene-d5
Concen: 79.80 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

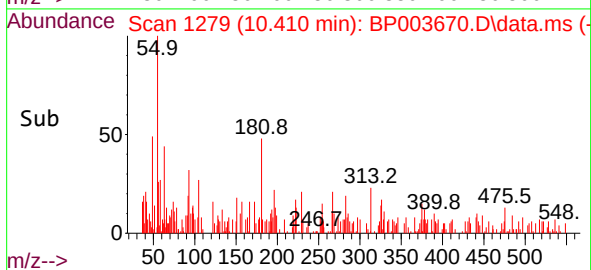
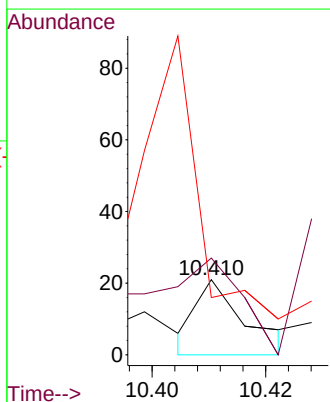
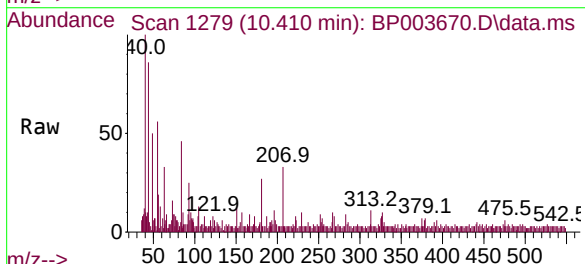
Instrument :
BNA_P
ClientSampleId :
PB132380BL

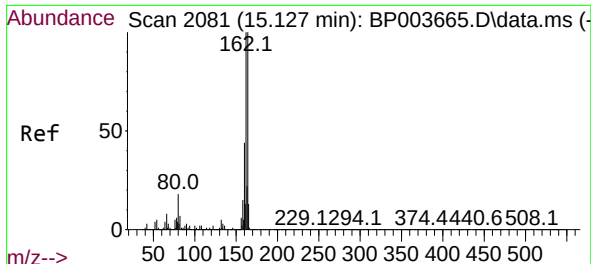
Tgt Ion: 82 Resp: 1081255
Ion Ratio Lower Upper
82 100
128 36.5 45.6 68.4#
54 46.1 30.1 45.1#



#32
Benzoic acid
Concen: 5.04 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.253 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Tgt Ion: 122 Resp: 13
Ion Ratio Lower Upper
122 100
105 128.6 94.1 134.1
77 76.2 50.1 90.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.128 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BP003670.D

Acq: 19 Oct 2020 16:11

Tgt Ion:164 Resp: 380969

Ion Ratio Lower Upper

164 100

162 101.7 79.4 119.2

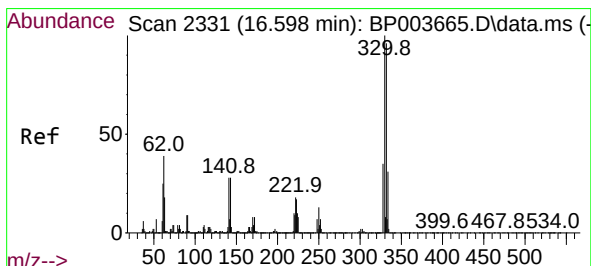
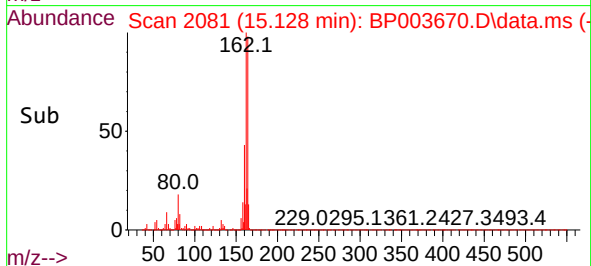
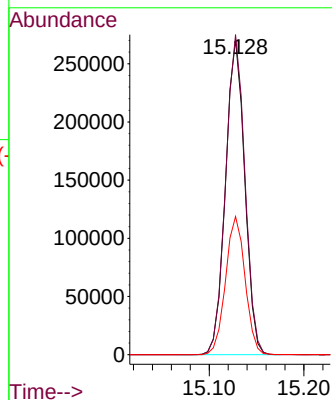
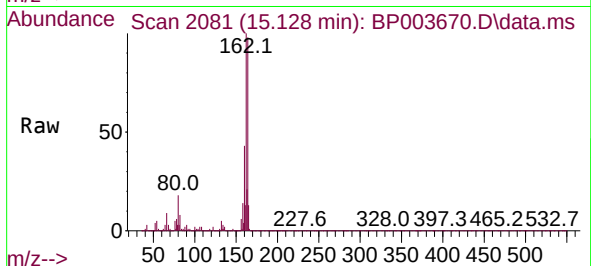
160 43.9 36.1 54.1

Instrument :

BNA_P

ClientSampleId :

PB132380BL



#42

2,4,6-Tribromophenol

Concen: 114.24 ng

RT: 16.604 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP003670.D

Acq: 19 Oct 2020 16:11

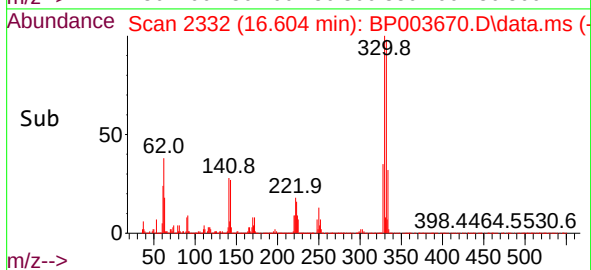
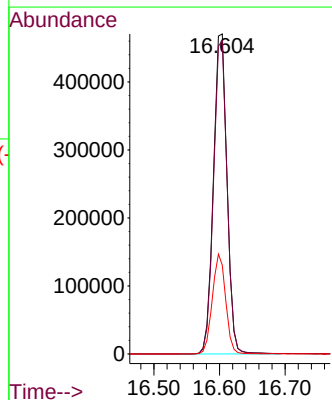
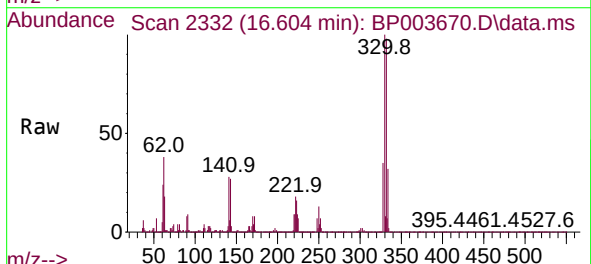
Tgt Ion:330 Resp: 678984

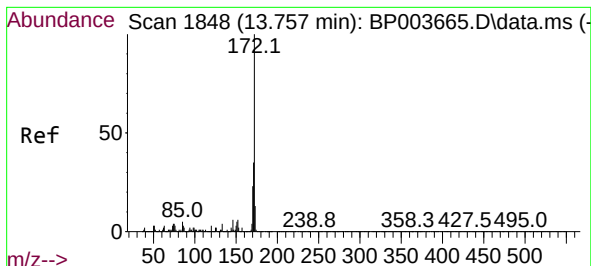
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 30.6 23.4 35.2

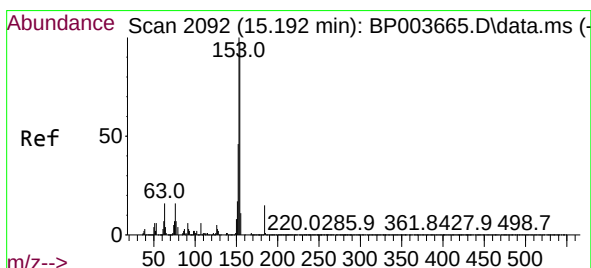
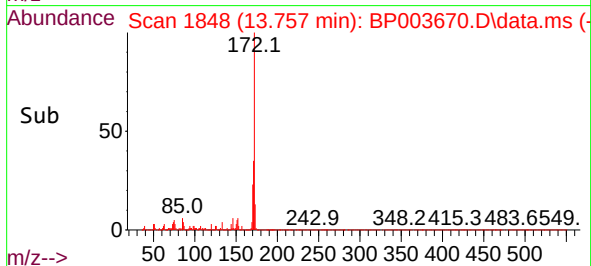
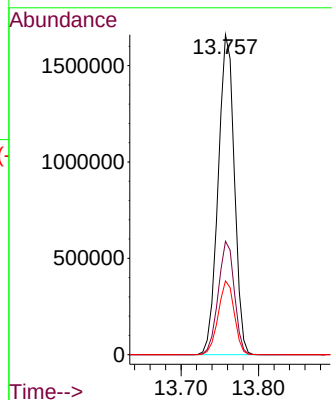
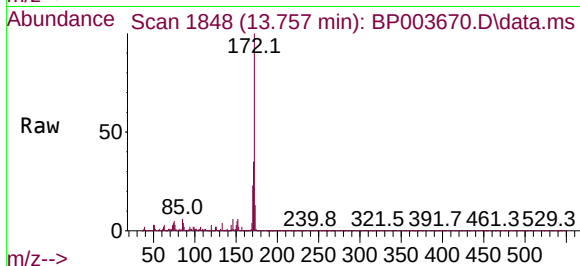




#45
2-Fluorobiphenyl
Concen: 81.69 ng
RT: 13.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

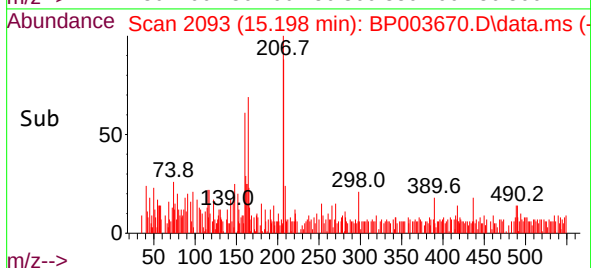
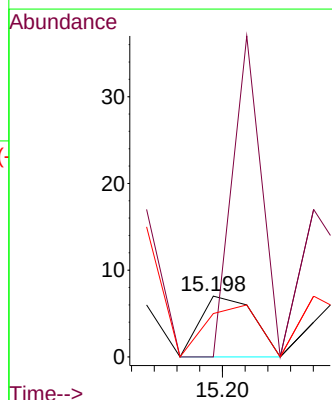
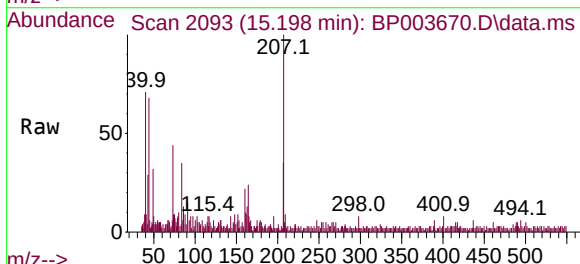
Instrument :
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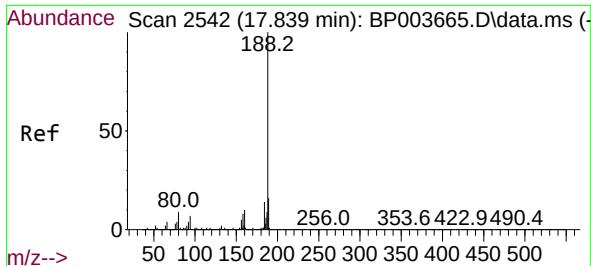
Tgt Ion:172 Resp: 2407250
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.0 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.198 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 0.0 32.3 48.5#
154 71.4 49.1 73.7

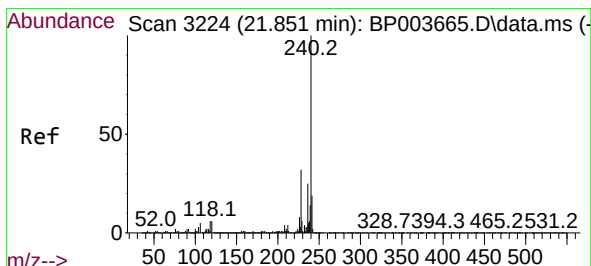
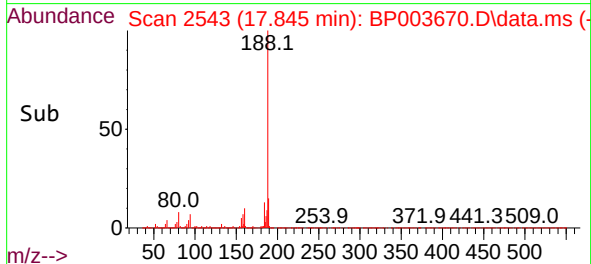
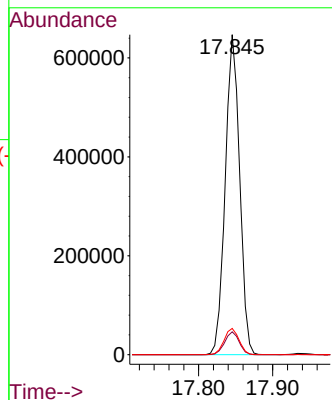
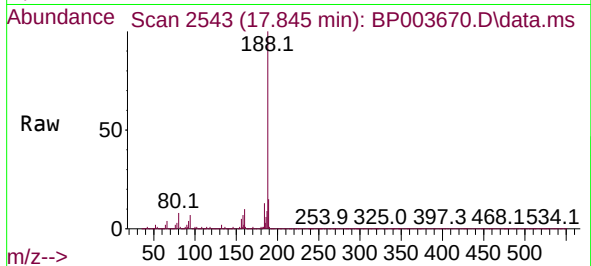




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

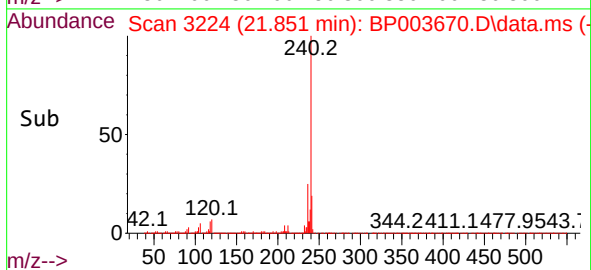
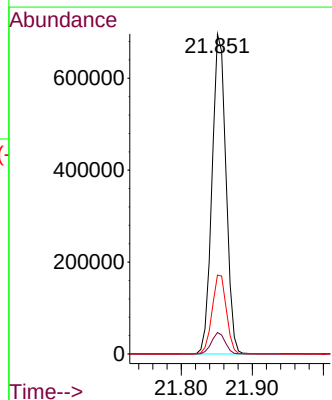
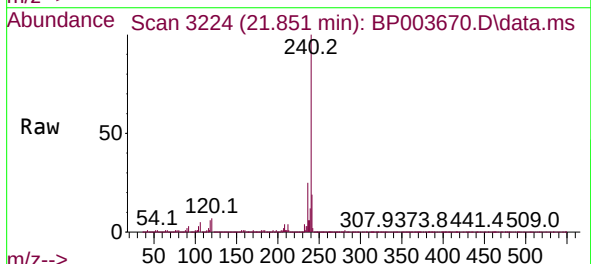
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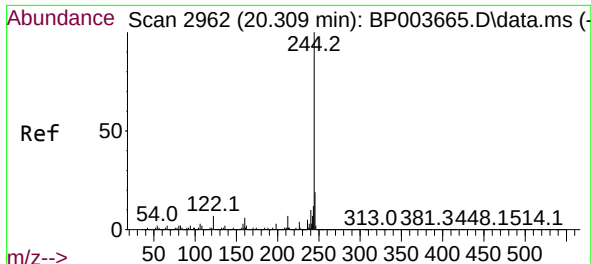
Tgt Ion:188 Resp: 872962
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.2 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. 0.000 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Tgt Ion:240 Resp: 950919
Ion Ratio Lower Upper
240 100
120 6.7 7.8 11.6#
236 24.7 20.8 31.2

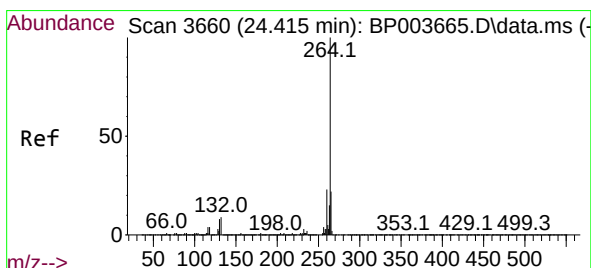
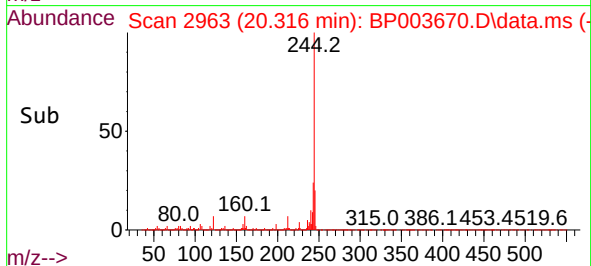
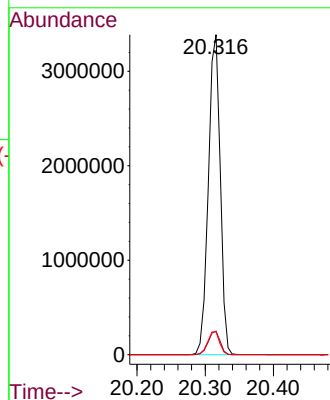
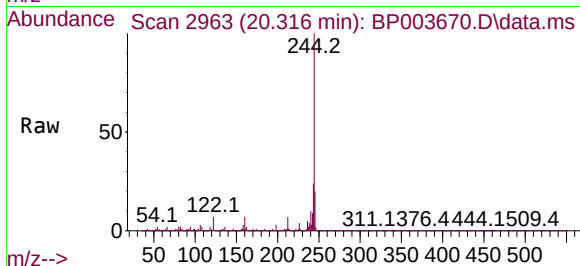




#79
Terphenyl-d14
Concen: 75.75 ng
RT: 20.316 min Scan# 2963
Delta R.T. 0.006 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Instrument :
BNA_P
ClientSampleId :
PB132380BL

Tgt Ion:244 Resp: 4095730
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 7.1 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.427 min Scan# 3662
Delta R.T. 0.012 min
Lab File: BP003670.D
Acq: 19 Oct 2020 16:11

Tgt Ion:264 Resp: 892334
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.1 17.4 26.2

