

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122514.D
 Acq On : 30 Nov 2020 19:02
 Operator : JU/CG
 Sample : L4899-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2

Quant Time: Dec 01 00:12:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

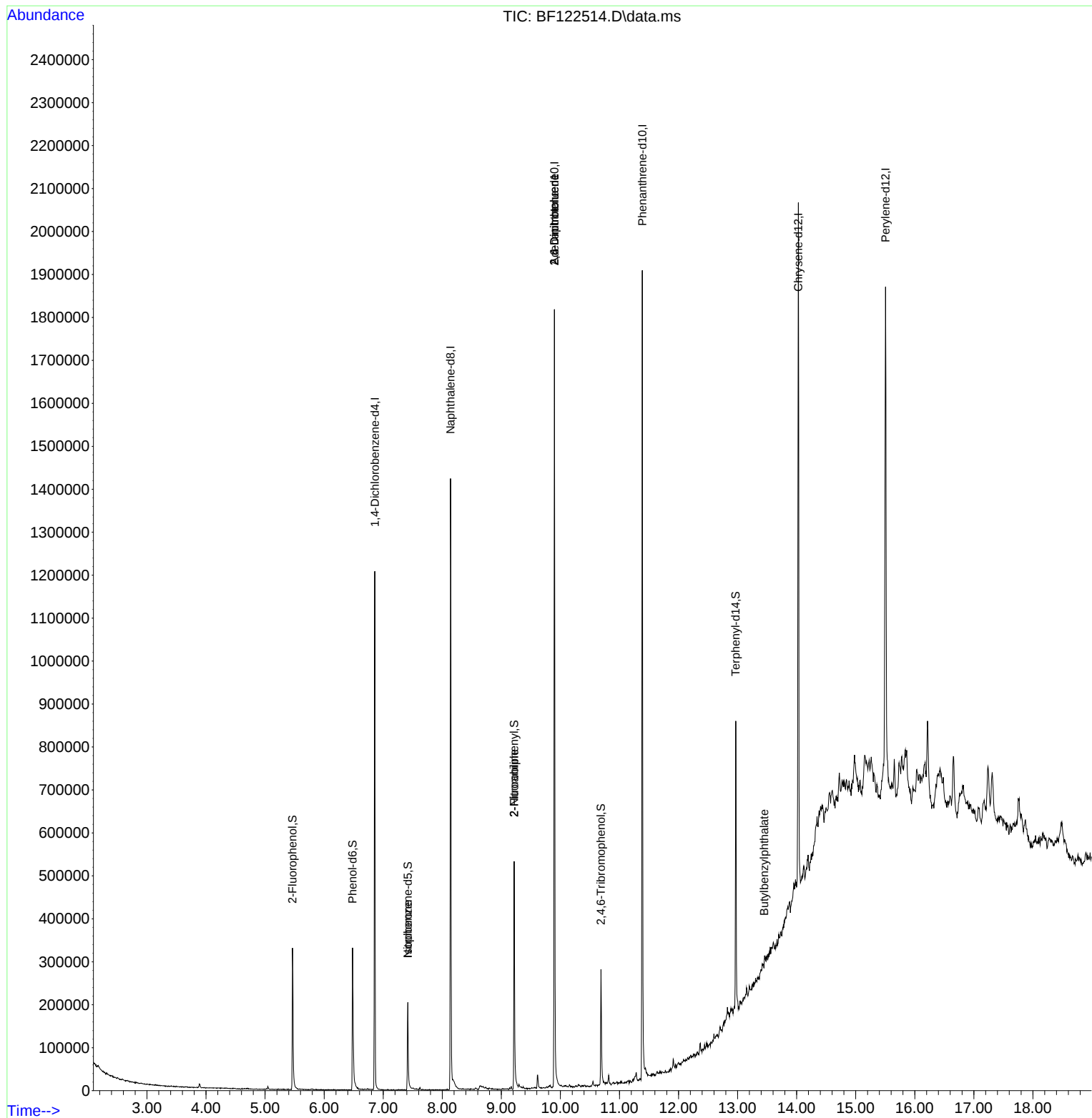
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	173090	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	681960	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	369780	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	678904	20.00	ng	0.00
76) Chrysene-d12	14.027	240	564375	20.00	ng	0.00
86) Perylene-d12	15.504	264	566987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	107409	9.53	ng	-0.02
7) Phenol-d6	6.481	99	133524	9.05	ng	-0.02
23) Nitrobenzene-d5	7.416	82	76380	6.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	40116	10.11	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	185513	7.84	ng	0.00
79) Terphenyl-d14	12.969	244	212253	7.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.487	77	255	Below Cal	#	3
25) Isophorone	7.416	82	76380	3.08	ng	# 67
48) 2-Nitroaniline	9.216	65	126	5.18	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	47053	11.22	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	47170	10.49	ng	# 20
80) Butylbenzylphthalate	13.451	149	1054	3.35	ng	# 63

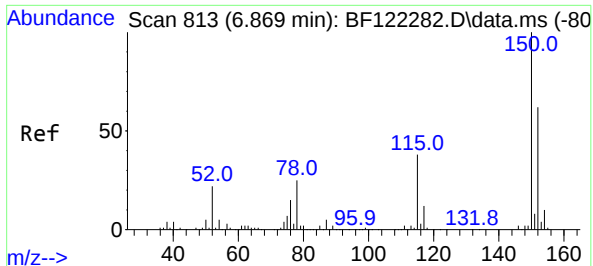
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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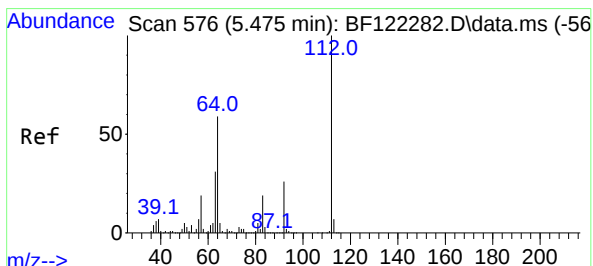
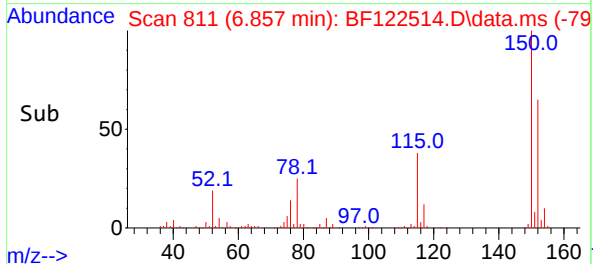
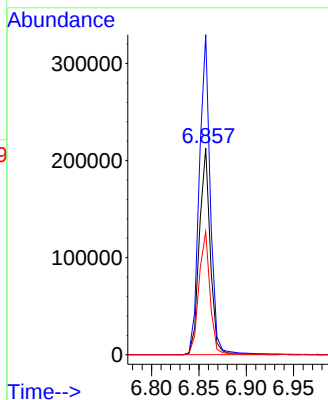
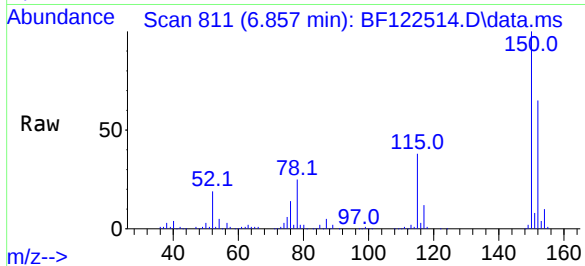




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

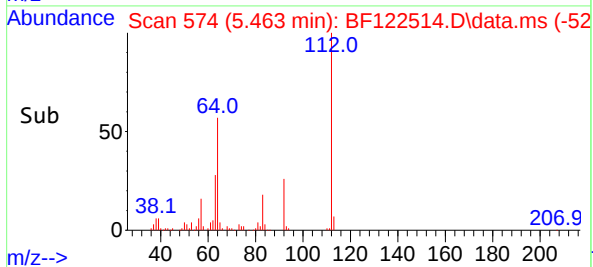
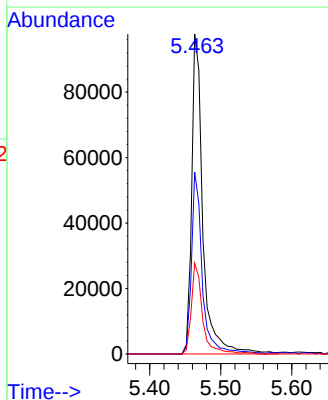
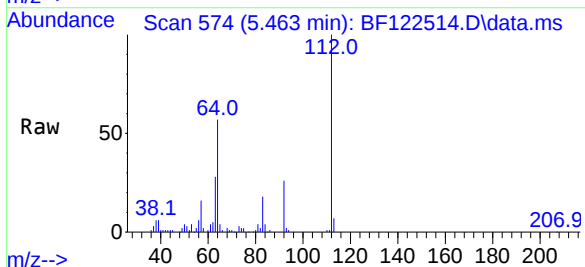
Instrument :
BNA_F
ClientSampled :
TP-1-2

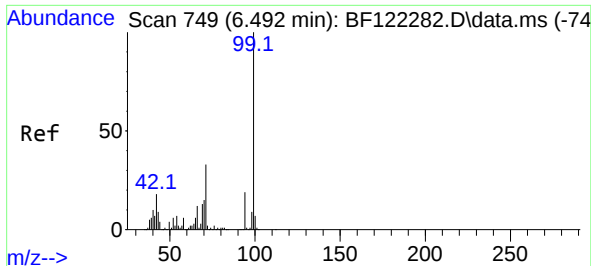
Tgt Ion:152 Resp: 173090
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 59.4 51.9 77.9



#5
2-Fluorophenol
Concen: 9.53 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.018 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Tgt Ion:112 Resp: 107409
Ion Ratio Lower Upper
112 100
64 56.8 50.4 75.6
63 28.4 25.8 38.6

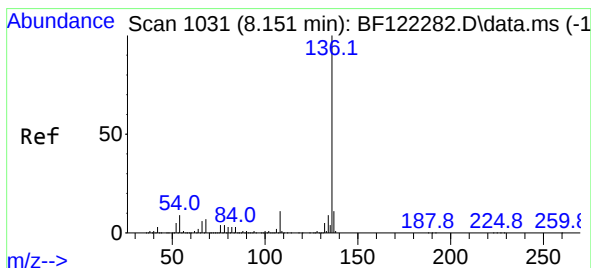
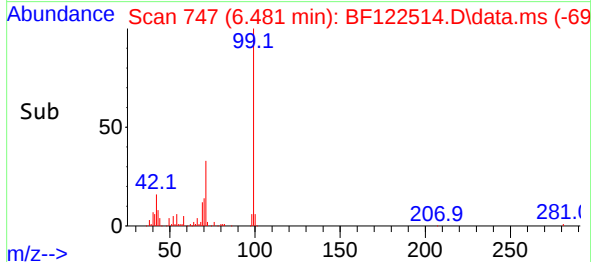
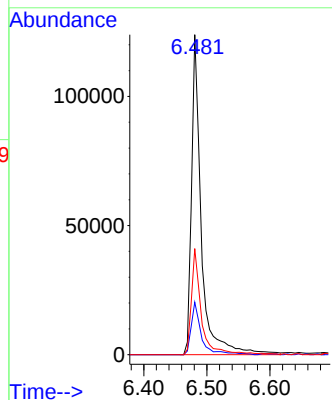
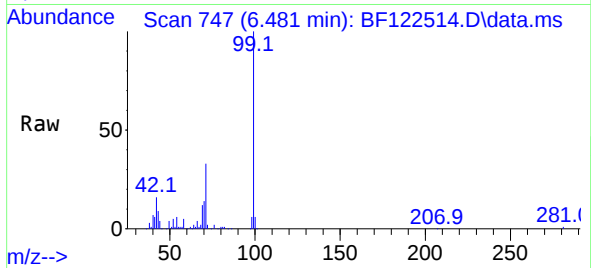




#7
Phenol-d6
Concen: 9.05 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

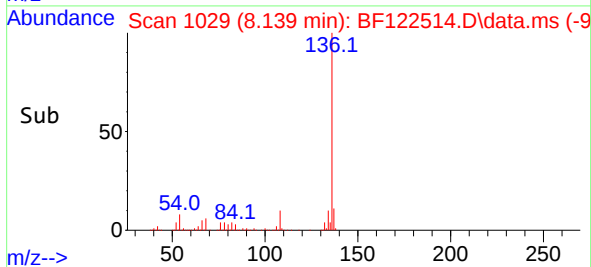
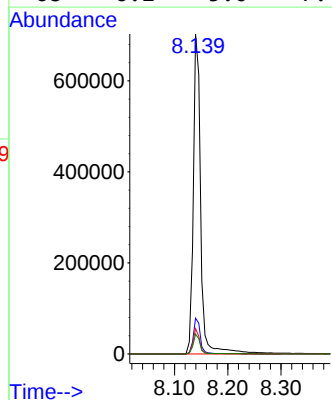
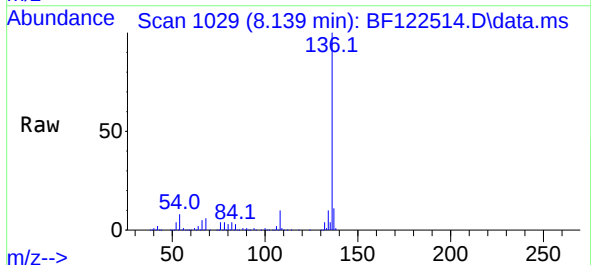
Instrument :
BNA_F
ClientSampleId :
TP-1-2

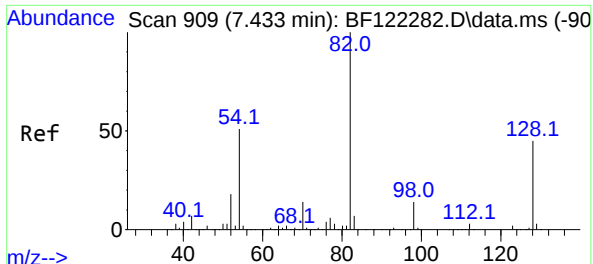
Tgt Ion: 99 Resp: 133524
Ion Ratio Lower Upper
99 100
42 16.4 15.9 23.9
71 33.1 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Tgt Ion: 136 Resp: 681960
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.9 7.1 10.7
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 6.86 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF122514.D

Acq: 30 Nov 2020 19:02

Tgt Ion: 82 Resp: 76380

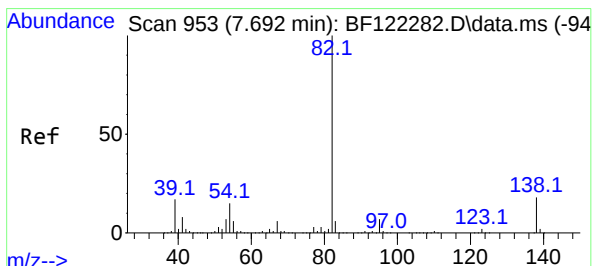
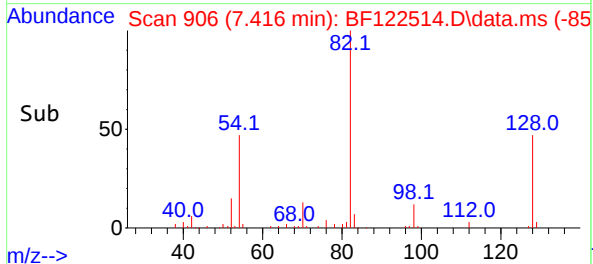
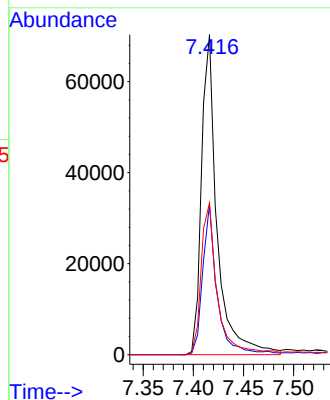
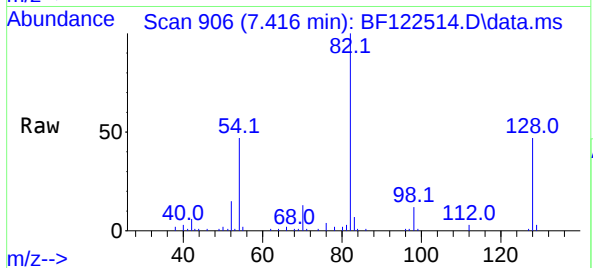
Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.0	52.4
54	47.4	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

TP-1-2



#25

Isophorone

Concen: 3.08 ng

RT: 7.416 min Scan# 906

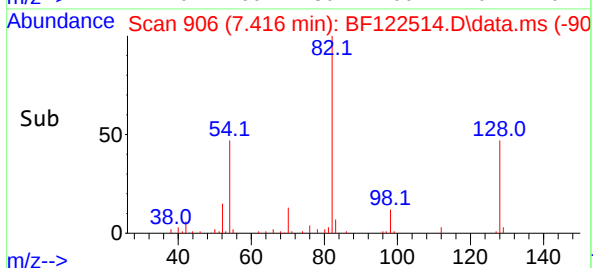
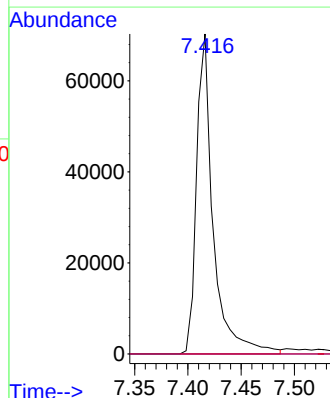
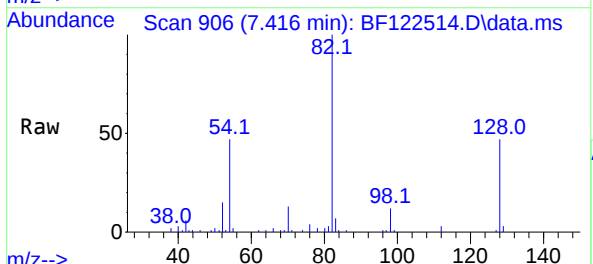
Delta R.T. -0.271 min

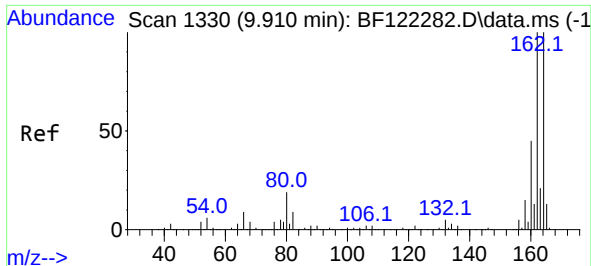
Lab File: BF122514.D

Acq: 30 Nov 2020 19:02

Tgt Ion: 82 Resp: 76380

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF122514.D

Acq: 30 Nov 2020 19:02

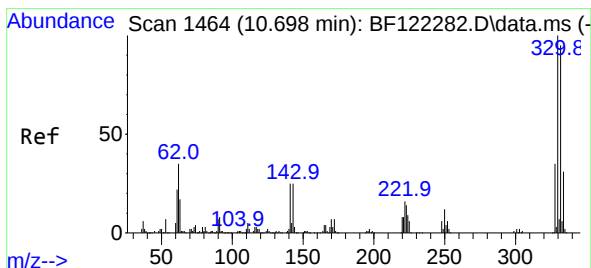
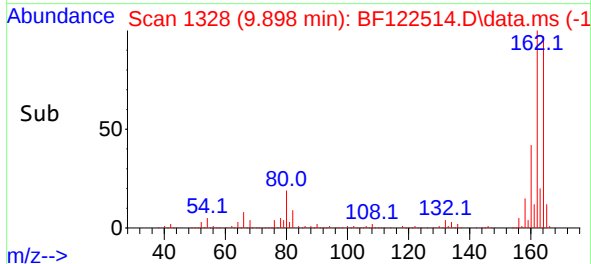
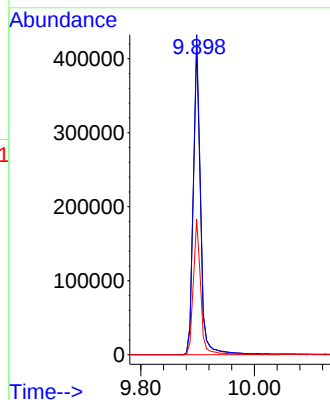
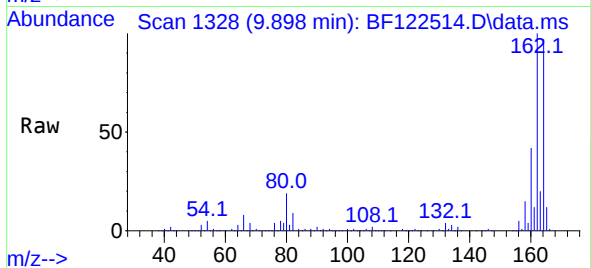
Tgt Ion:164 Resp: 369780

Ion Ratio Lower Upper

164 100

162 103.1 83.2 124.8

160 43.6 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 10.11 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF122514.D

Acq: 30 Nov 2020 19:02

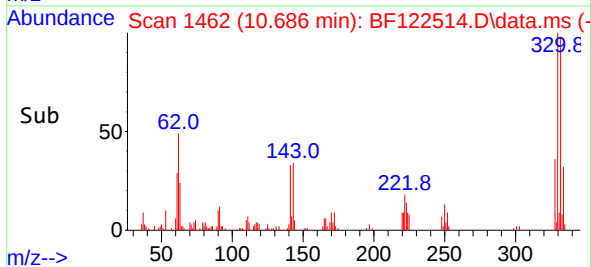
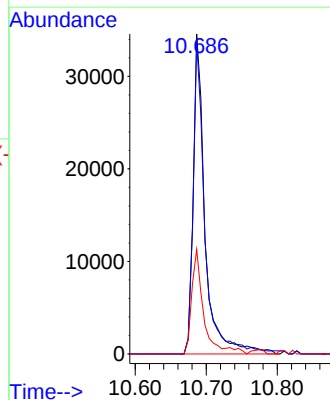
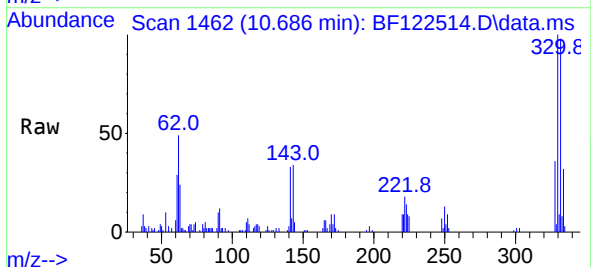
Tgt Ion:330 Resp: 40116

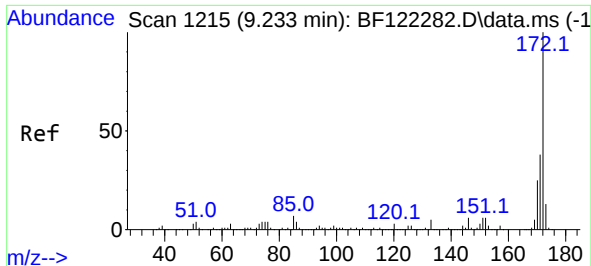
Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 32.8 22.3 33.5

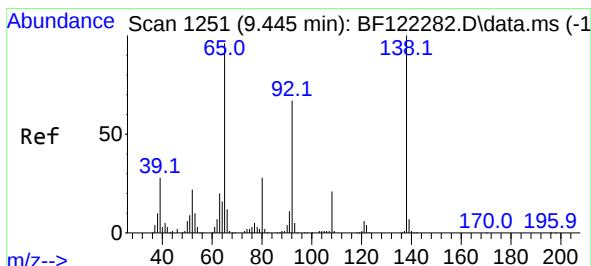
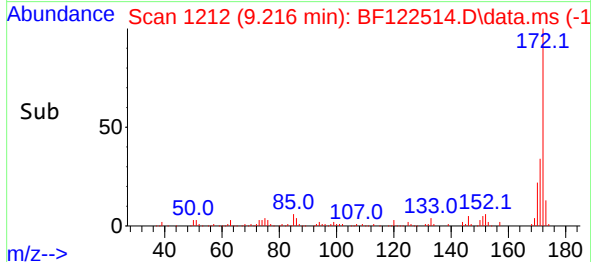
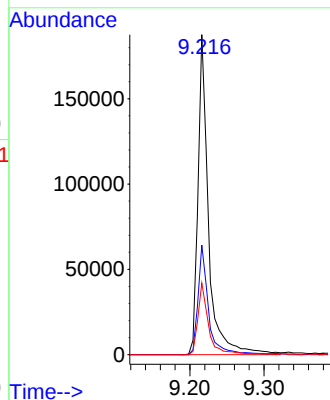
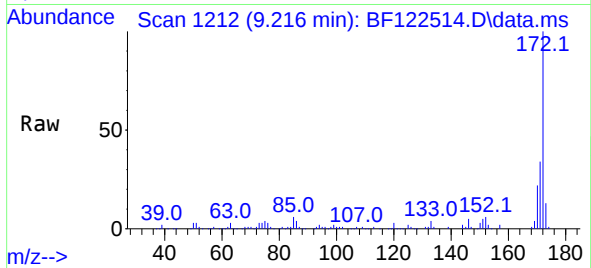




#45
2-Fluorobiphenyl
Concen: 7.84 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

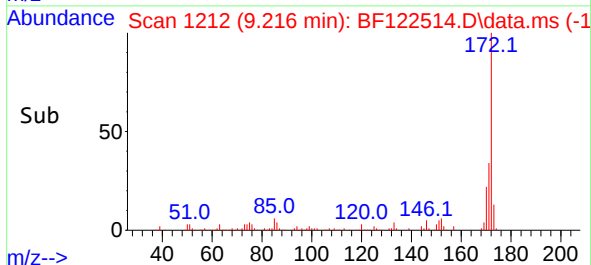
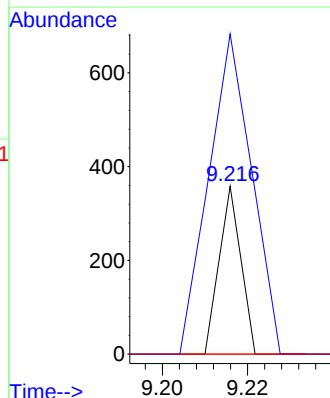
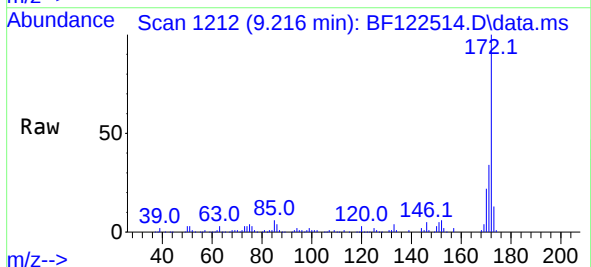
Instrument :
BNA_F
ClientSampled :
TP-1-2

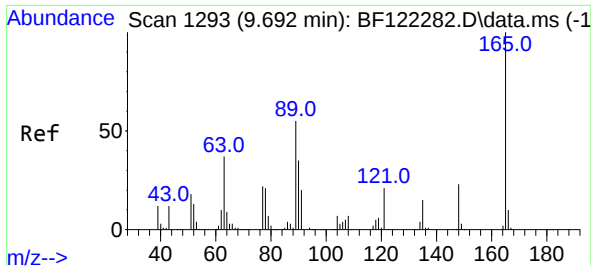
Tgt Ion:172 Resp: 185513
Ion Ratio Lower Upper
172 100
171 34.2 29.1 43.7
170 22.4 19.8 29.6



#48
2-Nitroaniline
Concen: 5.18 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.229 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 190.8 55.1 82.7#
138 0.0 80.5 120.7#

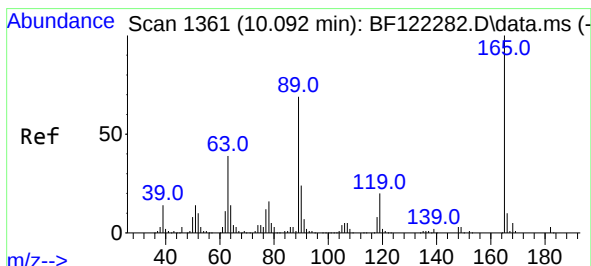
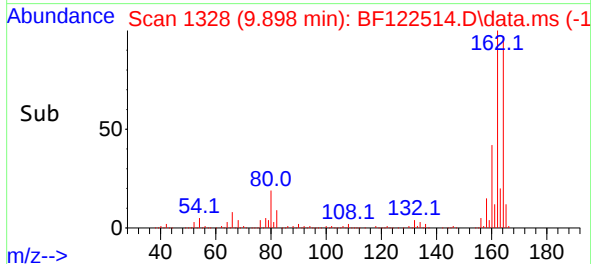
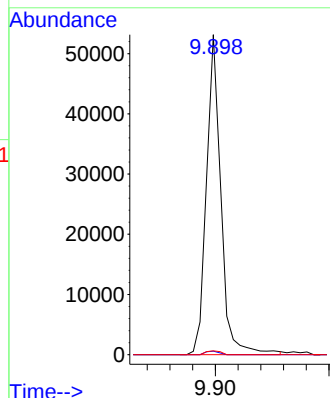
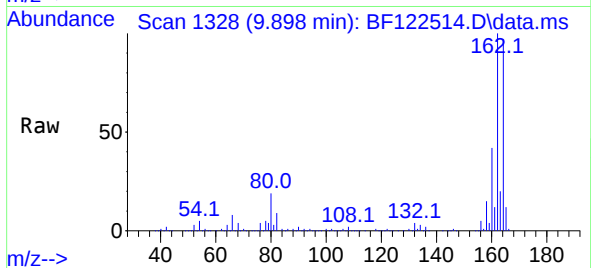




#51
2,6-Dinitrotoluene
Concen: 11.22 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

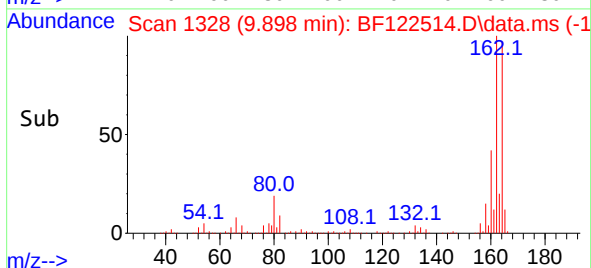
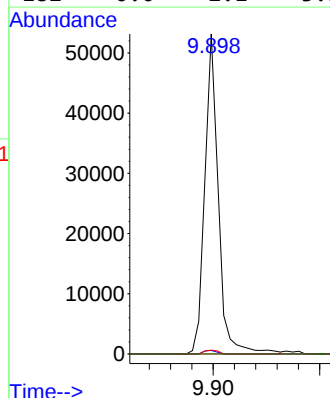
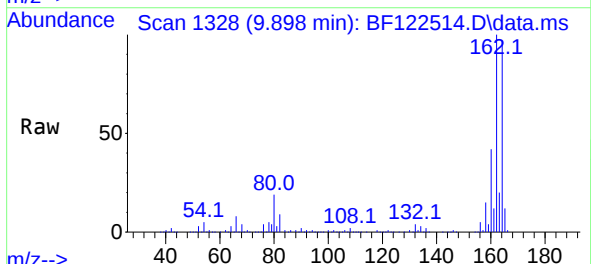
Instrument :
BNA_F
ClientSampled :
TP-1-2

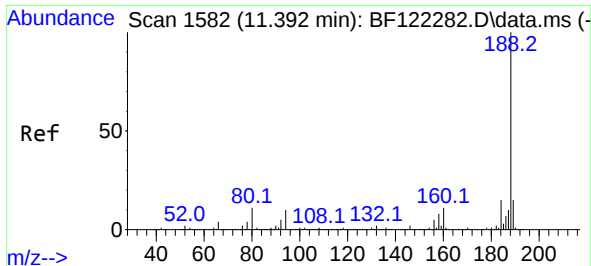
Tgt Ion:165 Resp: 47053
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.2 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.49 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Tgt Ion:165 Resp: 47170
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#

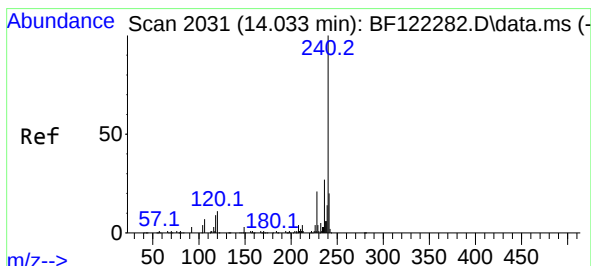
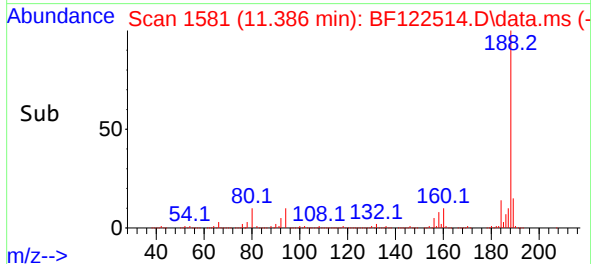
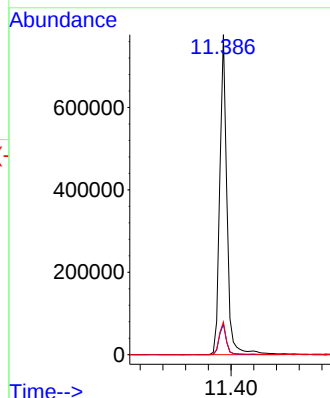
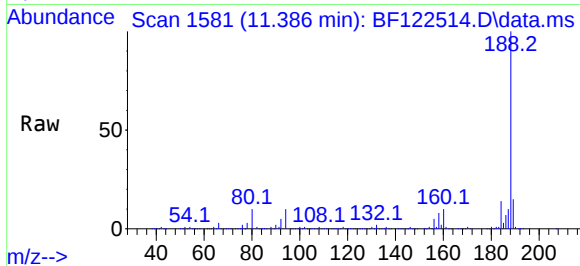




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

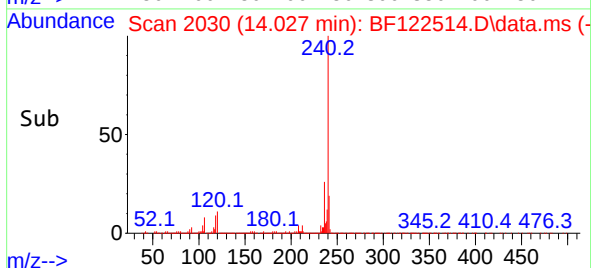
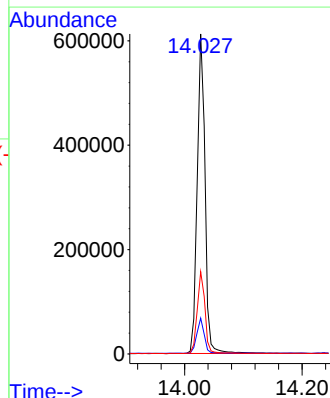
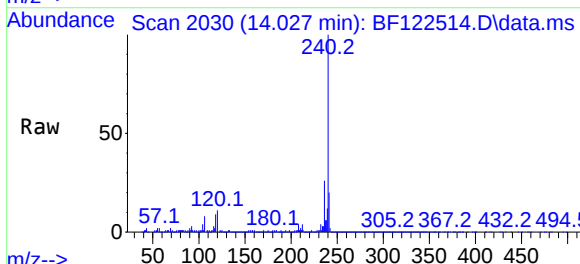
Instrument :
BNA_F
ClientSampled :
TP-1-2

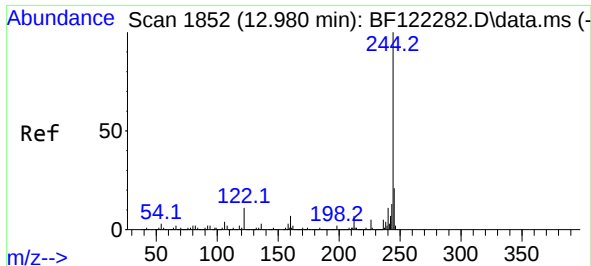
Tgt Ion:188 Resp: 678904
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.3 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Tgt Ion:240 Resp: 564375
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.7 20.9 31.3

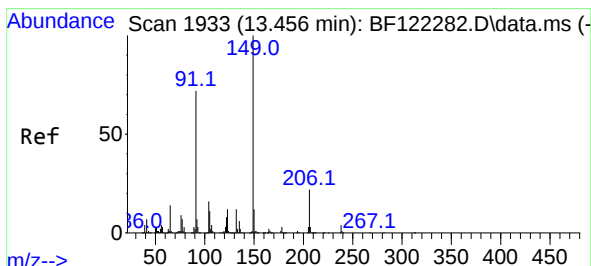
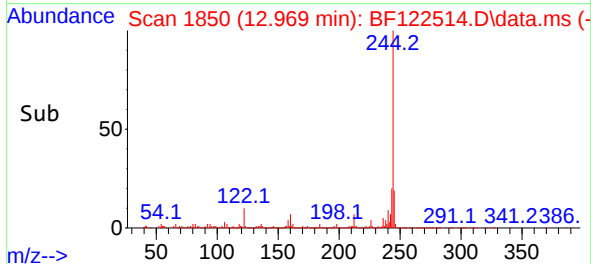
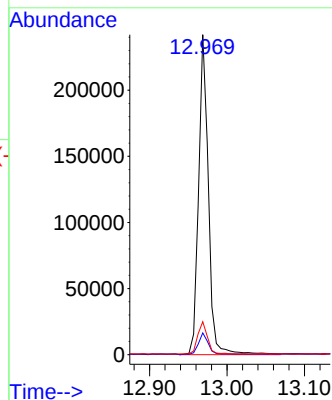
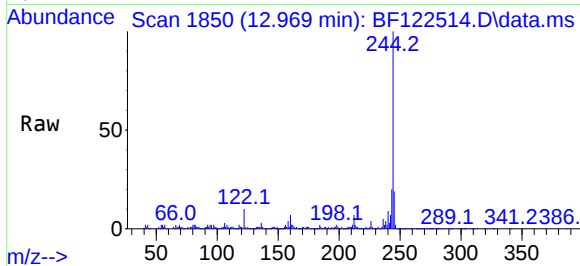




#79
Terphenyl-d14
Concen: 7.97 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

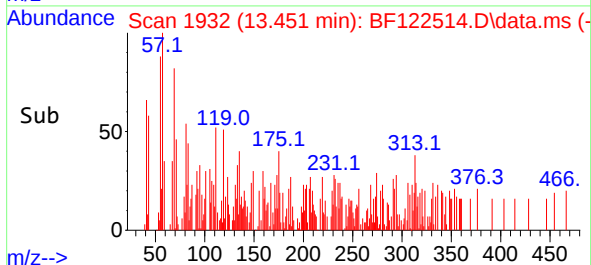
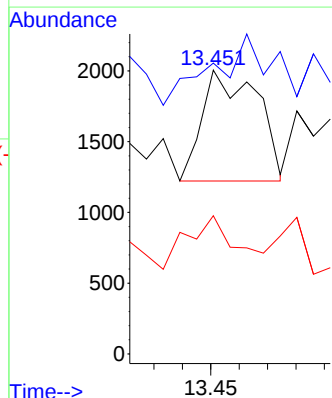
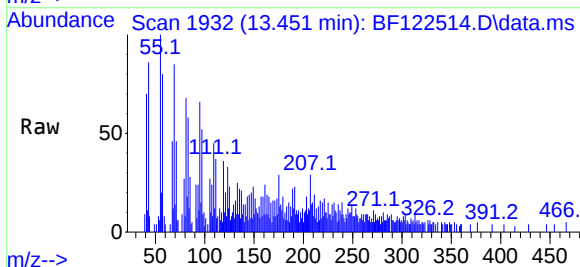
Instrument :
BNA_F
ClientSampleId :
TP-1-2

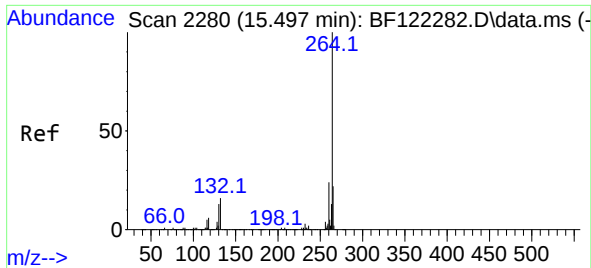
Tgt Ion:244 Resp: 212253
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.3 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.35 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Tgt Ion:149 Resp: 1054
Ion Ratio Lower Upper
149 100
91 102.5 61.0 91.4#
206 48.7 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF122514.D
Acq: 30 Nov 2020 19:02

Instrument :
BNA_F
ClientSampleId :
TP-1-2

Tgt Ion:264 Resp: 566987
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.0 17.3 25.9

