

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111321\
 Data File : BF126178.D
 Acq On : 13 Nov 2021 20:24
 Operator : JU/CG
 Sample : M4654-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARKINGLOT-TOP-U-SP

Quant Time: Nov 15 10:01:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 08:09:33 2021
 Response via : Initial Calibration

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

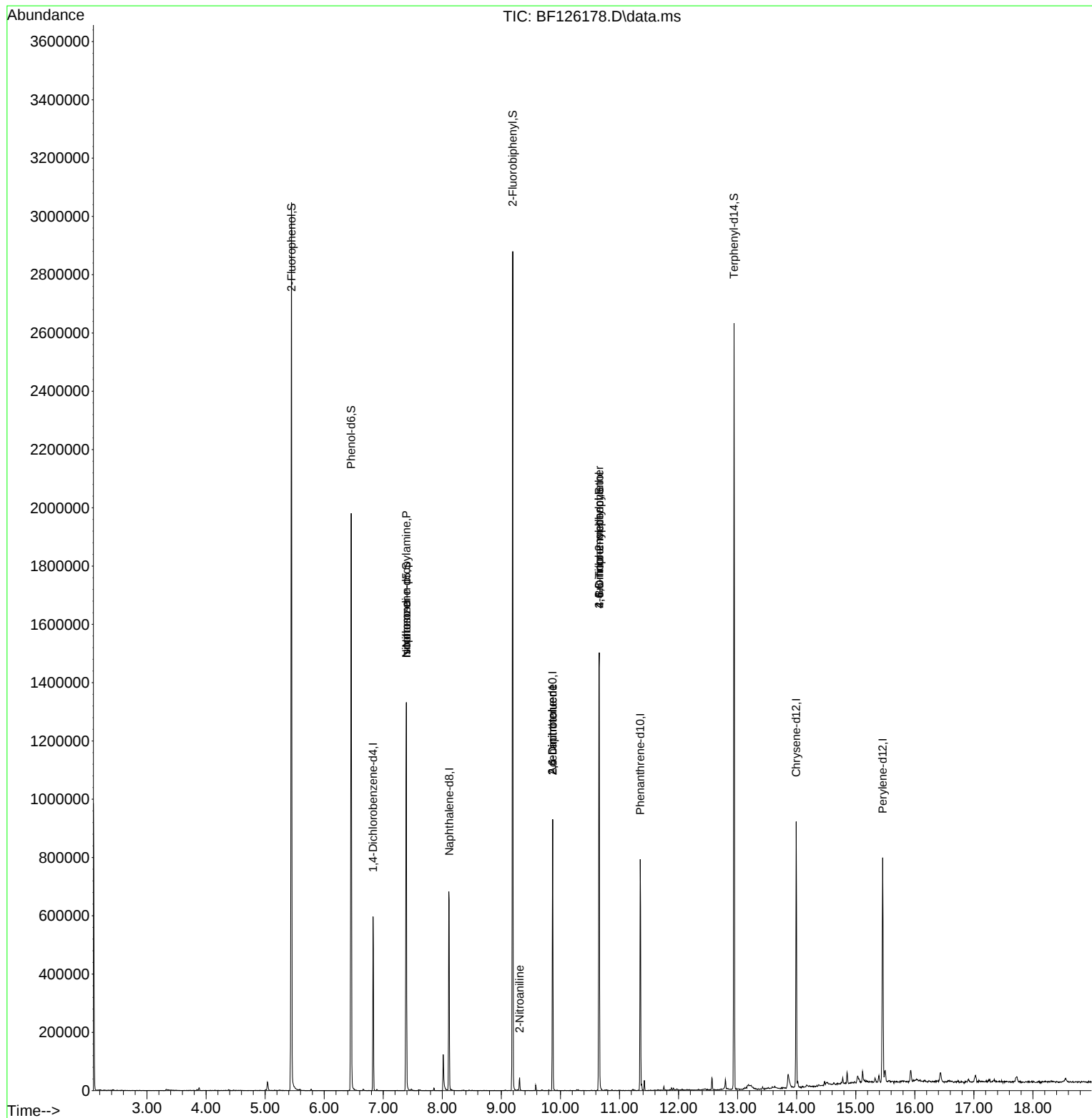
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	77363	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	287681	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	169522	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	274964	20.000	ng	0.00
76) Chrysene-d12	13.992	240	288303	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	336210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	627493	139.289	ng	0.00
7) Phenol-d6	6.457	99	517715	81.523	ng	-0.01
23) Nitrobenzene-d5	7.392	82	386510	63.362	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	176686	90.947	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	763397	60.855	ng	0.00
79) Terphenyl-d14	12.939	244	830369	46.444	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	1016	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	56447	13.483	ng	# 60
25) Isophorone	7.392	82	386507	35.192	ng	# 59
48) 2-Nitroaniline	9.310	65	434	2.970	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	21440	10.135	ng	# 29
57) 2,4-Dinitrotoluene	9.869	165	21440	9.737	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.657	198	499	8.628	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	10567	3.173	ng	# 1

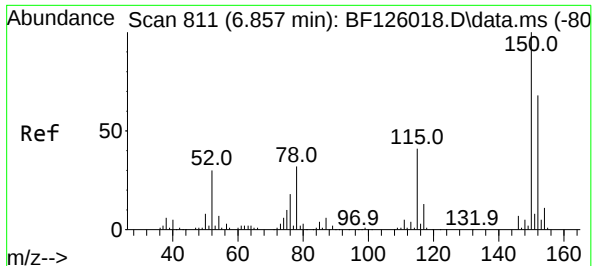
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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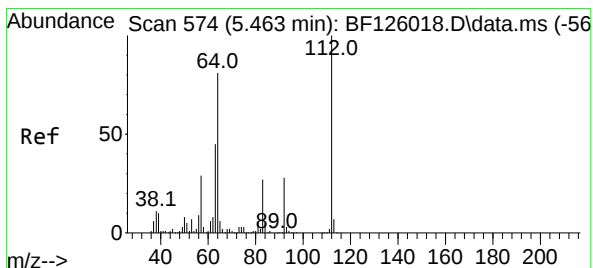
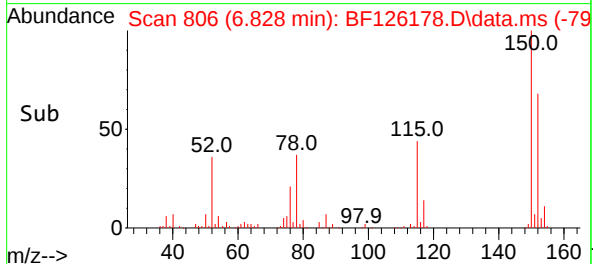
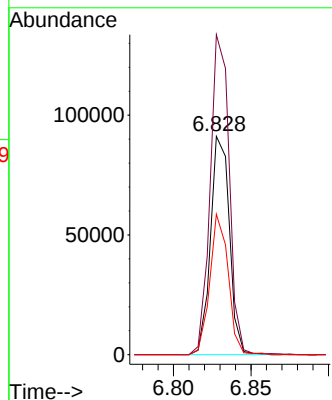
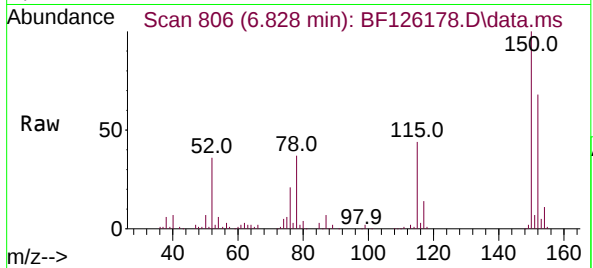




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

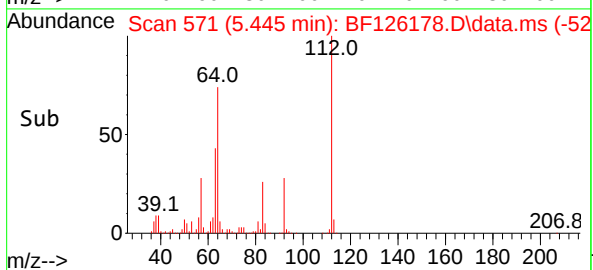
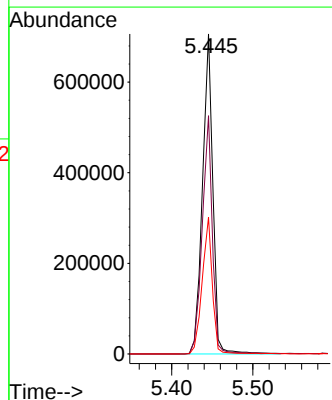
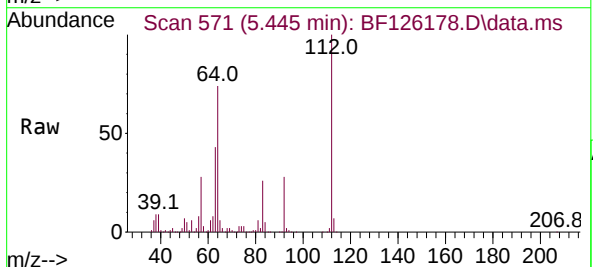
Instrument :
BNA_F
ClientSampleId :
PARKINGLOT-TOP-U-SP

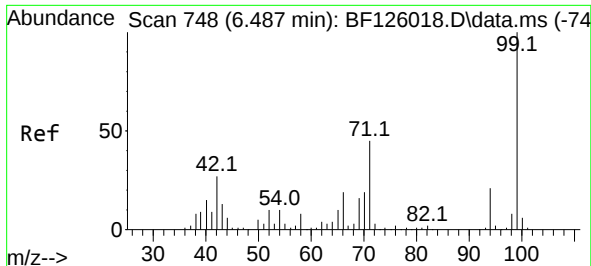
Tgt Ion:152 Resp: 77363
Ion Ratio Lower Upper
152 100
150 146.5 117.6 176.4
115 64.3 47.1 70.7



#5
2-Fluorophenol
Concen: 139.289 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

Tgt Ion:112 Resp: 627493
Ion Ratio Lower Upper
112 100
64 74.4 44.2 66.2#
63 42.8 26.2 39.2#





#7

Phenol-d6

Concen: 81.523 ng

RT: 6.457 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF126178.D

Acq: 13 Nov 2021 20:24

Instrument :

BNA_F

ClientSampleId :

PARKINGLOT-TOP-U-SP

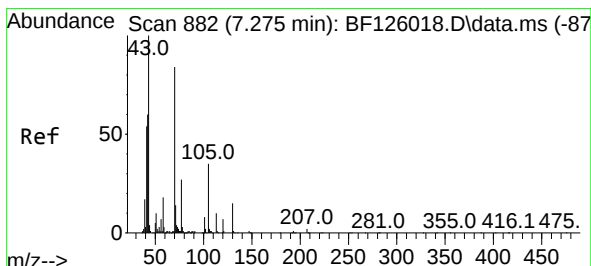
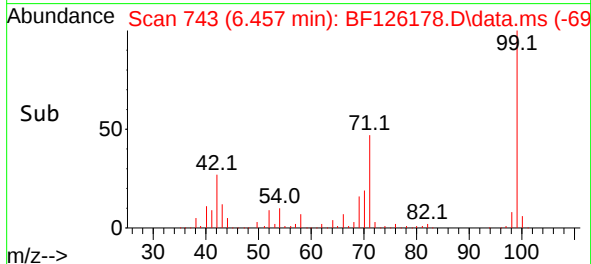
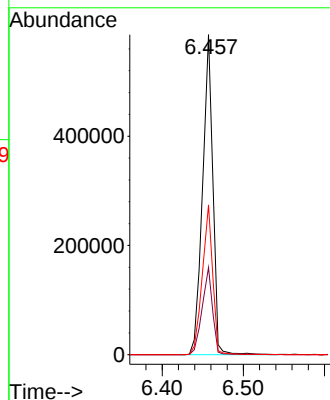
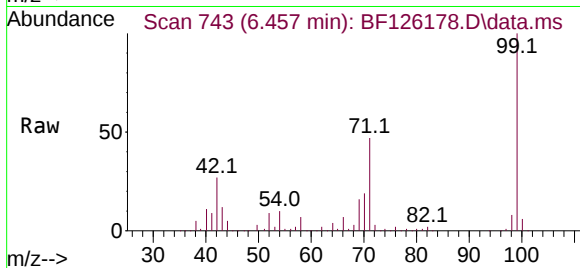
Tgt Ion: 99 Resp: 517715

Ion Ratio Lower Upper

99 100

42 27.3 23.5 35.3

71 46.8 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 13.483 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.141 min

Lab File: BF126178.D

Acq: 13 Nov 2021 20:24

Tgt Ion: 70 Resp: 56447

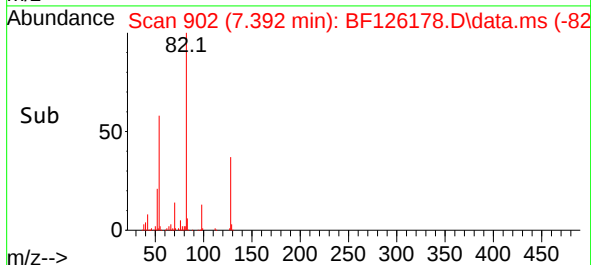
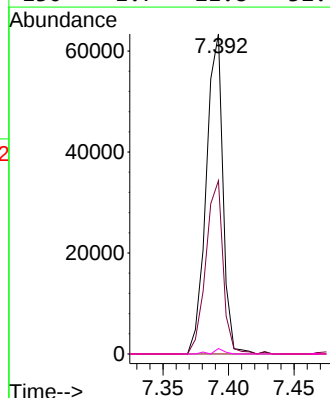
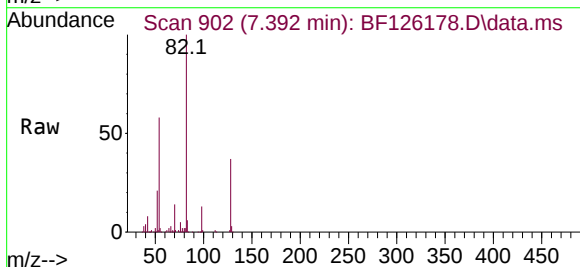
Ion Ratio Lower Upper

70 100

42 54.2 72.2 108.2#

101 0.0 7.8 11.8#

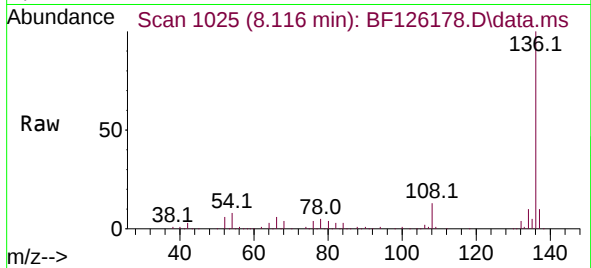
130 1.7 21.8 32.6#



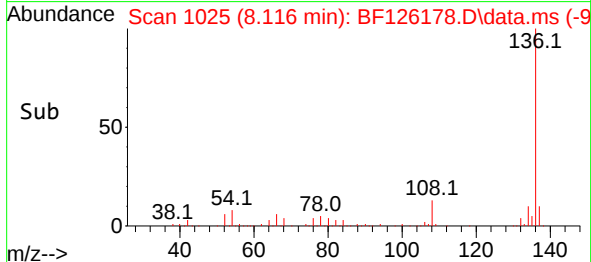
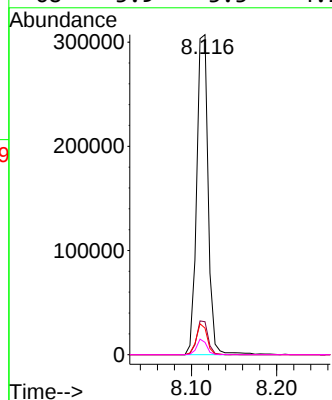


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

Instrument :
BNA_F
ClientSampleId :
PARKINGLOT-TOP-U-SP

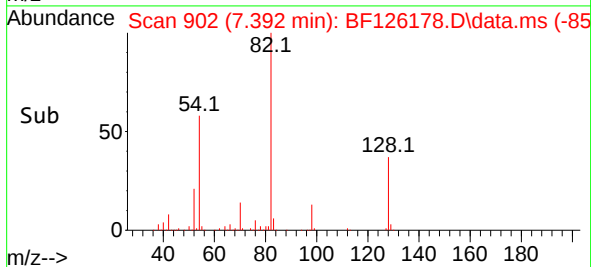
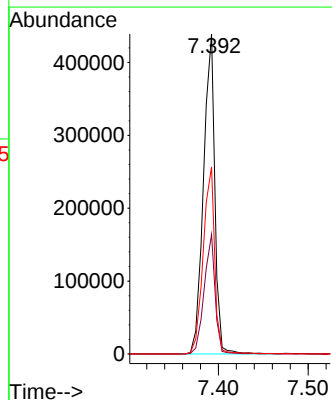
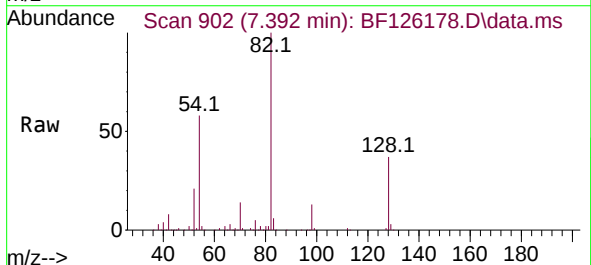


Tgt Ion:136 Resp: 287681
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 8.3 6.4 9.6
68 3.9 3.3 4.9



#23
Nitrobenzene-d5
Concen: 63.362 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

Tgt Ion: 82 Resp: 386510
Ion Ratio Lower Upper
82 100
128 37.4 40.6 60.8#
54 58.4 49.6 74.4

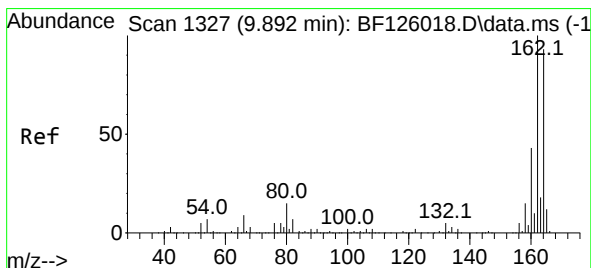
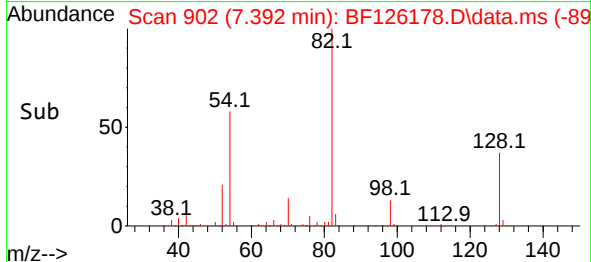
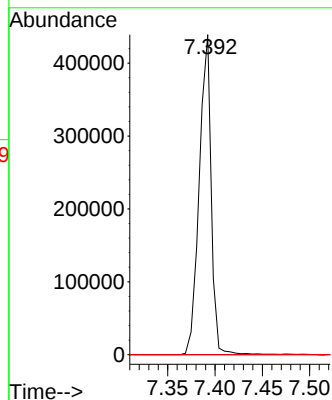
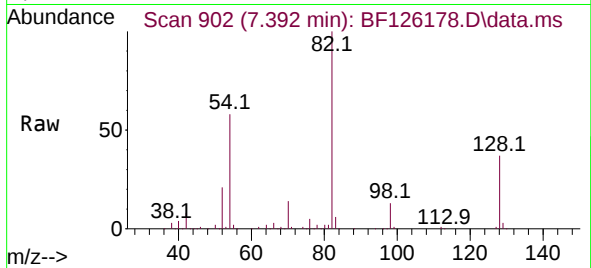




#25
Isophorone
Concen: 35.192 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

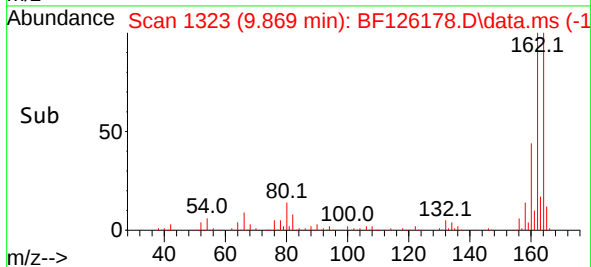
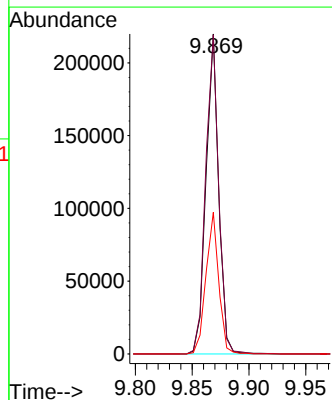
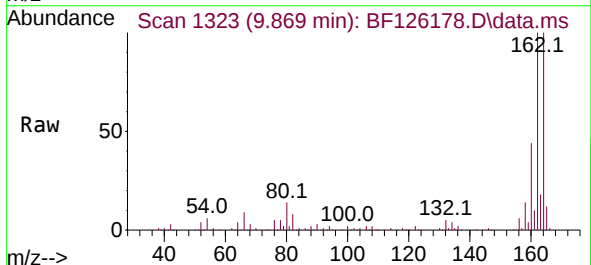
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ClientSampleId :
PARKINGLOT-TOP-U-SP

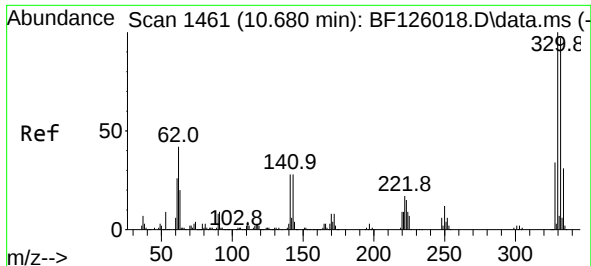
Tgt Ion: 82 Resp: 386507
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

Tgt Ion:164 Resp: 169522
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.3 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 90.947 ng

RT: 10.657 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126178.D

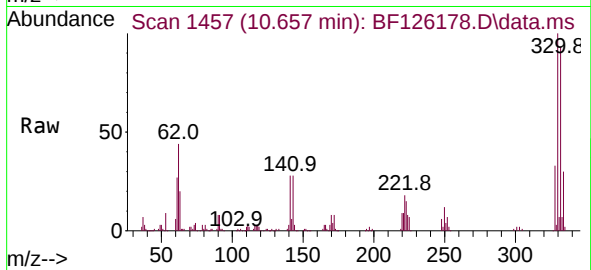
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Instrument :

BNA_F

ClientSampleId :

PARKINGLOT-TOP-U-SP



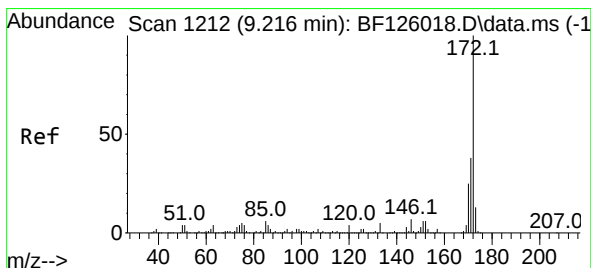
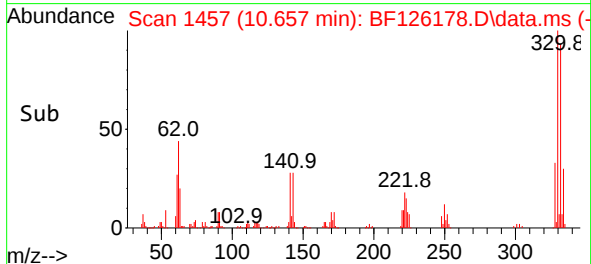
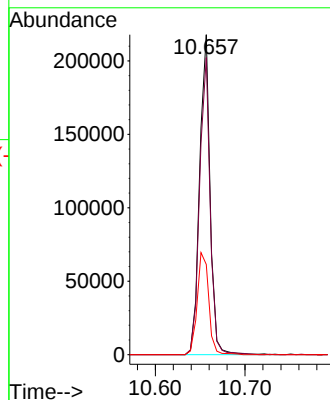
Tgt Ion:330 Resp: 176686

Ion Ratio Lower Upper

330 100

332 93.4 76.2 114.4

141 35.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 60.855 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF126178.D

Acq: 13 Nov 2021 20:24

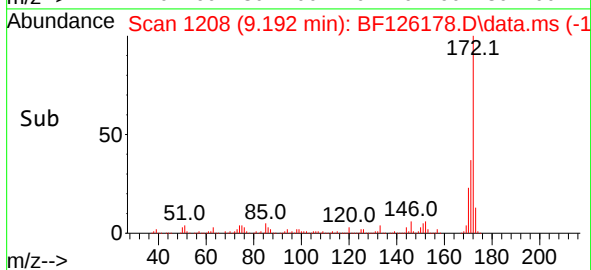
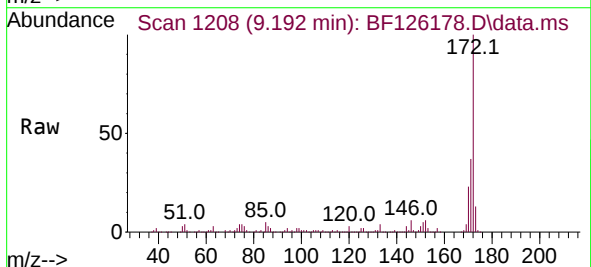
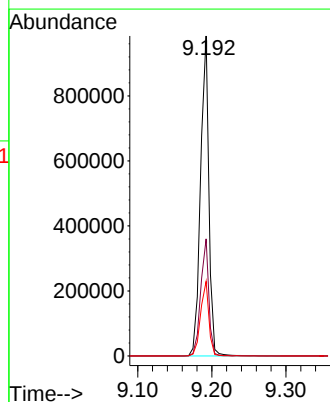
Tgt Ion:172 Resp: 763397

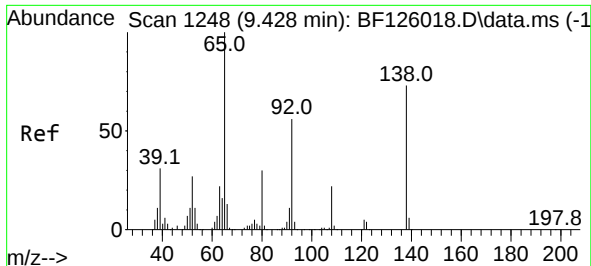
Ion Ratio Lower Upper

172 100

171 36.6 26.5 39.7

170 23.3 18.8 28.2

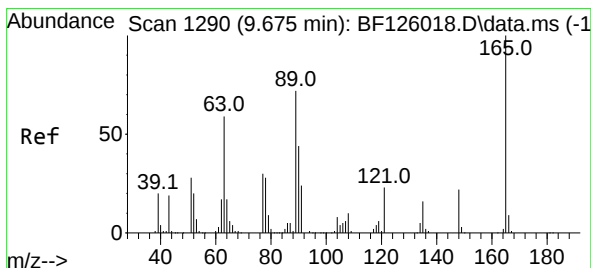
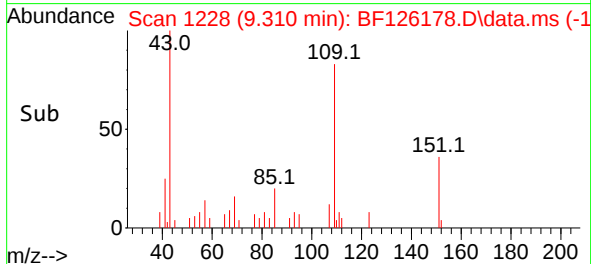
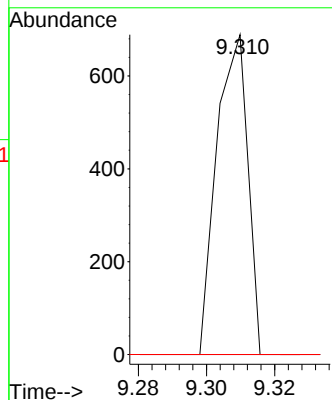
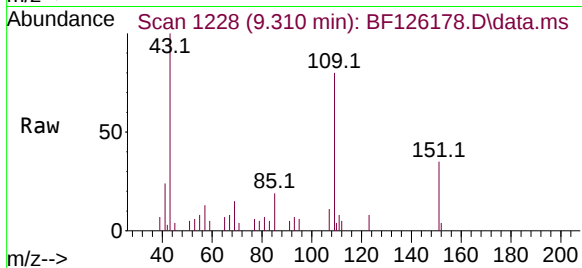




#48
2-Nitroaniline
Concen: 2.970 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

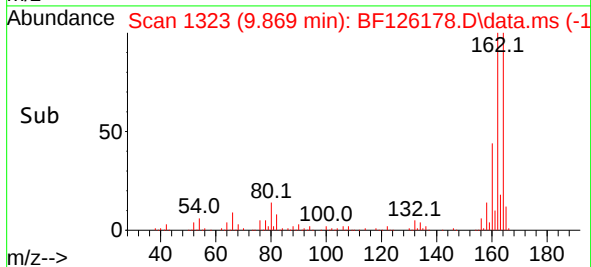
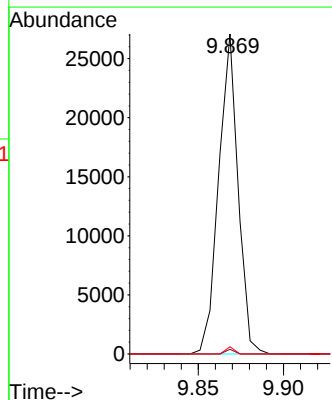
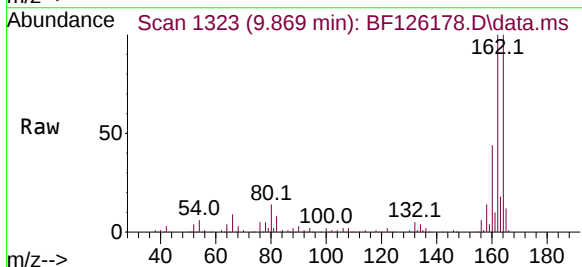
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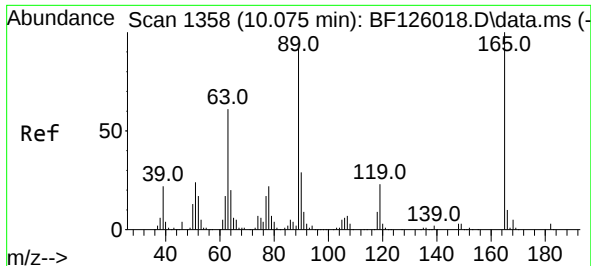
Tgt Ion: 65 Resp: 434
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.135 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

Tgt Ion:165 Resp: 21440
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 2.3 40.6 60.8#

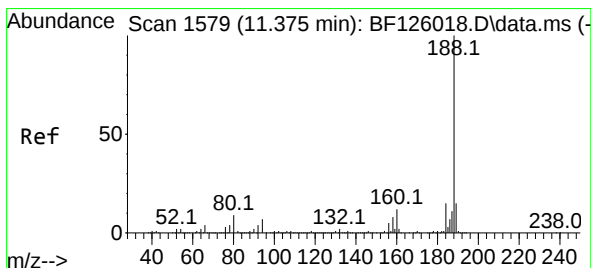
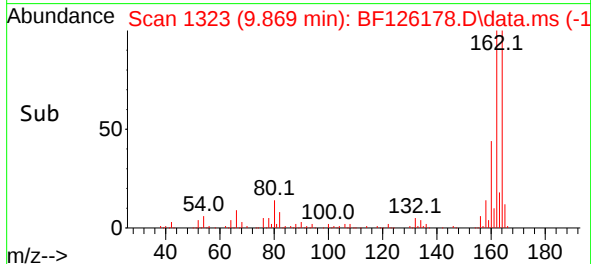
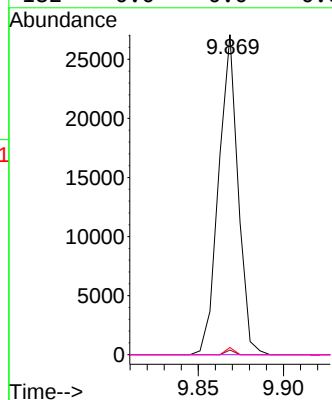
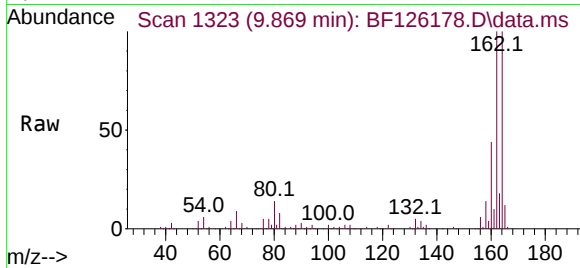




#57
2,4-Dinitrotoluene
Concen: 9.737 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

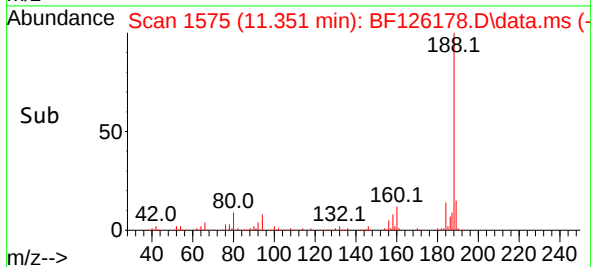
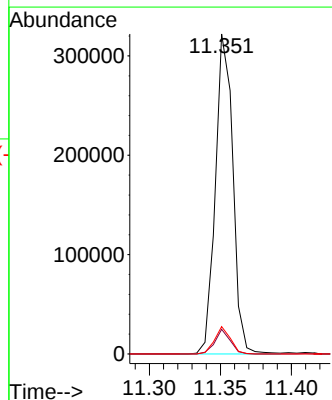
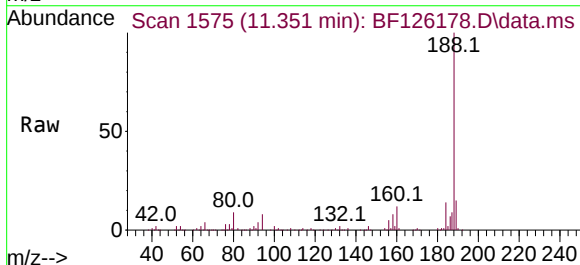
Instrument :
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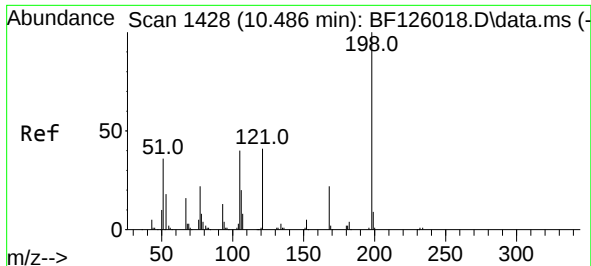
Tgt Ion:165 Resp: 21440
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 2.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF126178.D
Acq: 13 Nov 2021 20:24

Tgt Ion:188 Resp: 274964
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.5 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 8.628 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.188 min

Lab File: BF126178.D

Acq: 13 Nov 2021 20:24

Instrument :

BNA_F

ClientSampleId :

PARKINGLOT-TOP-U-SP

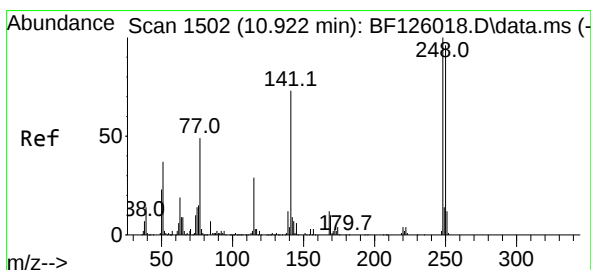
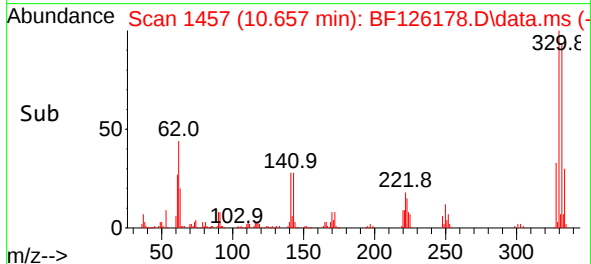
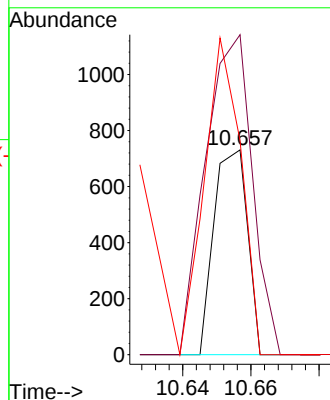
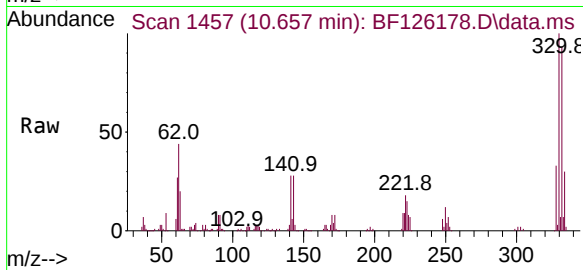
Tgt Ion:198 Resp: 499

Ion Ratio Lower Upper

198 100

51 156.2 45.3 85.3#

105 104.5 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 3.173 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF126178.D

Acq: 13 Nov 2021 20:24

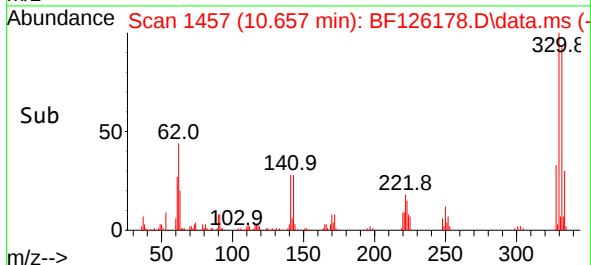
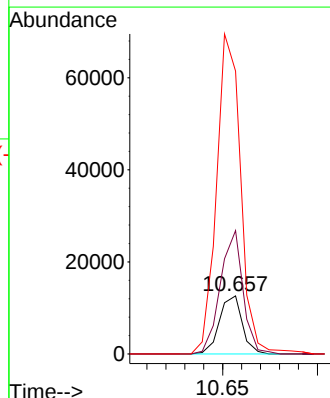
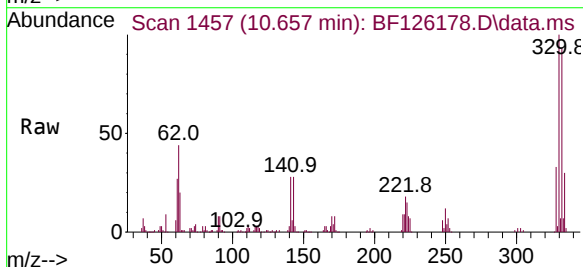
Tgt Ion:248 Resp: 10567

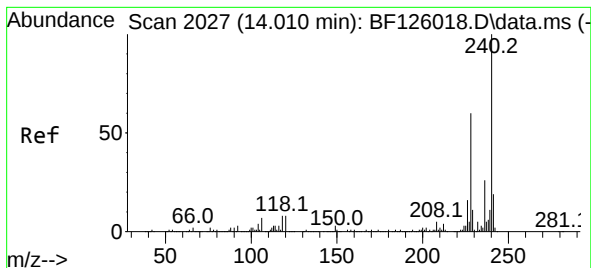
Ion Ratio Lower Upper

248 100

250 212.4 74.2 111.4#

141 487.3 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126178.D

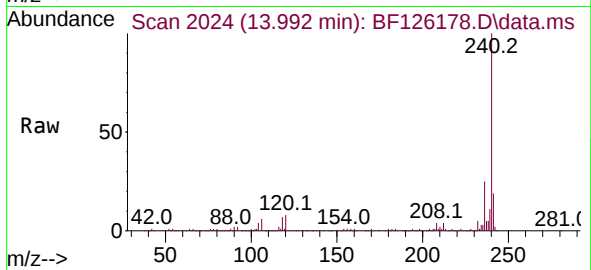
Acq: 13 Nov 2021 20:24

Instrument :

BNA_F

ClientSampleId :

PARKINGLOT-TOP-U-SP



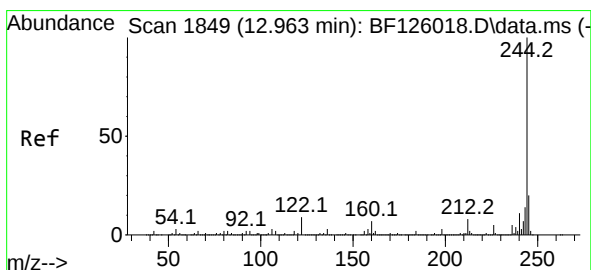
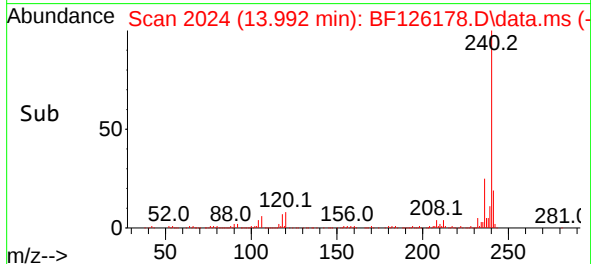
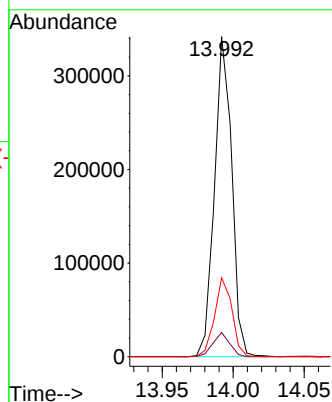
Tgt Ion:240 Resp: 288303

Ion Ratio Lower Upper

240 100

120 7.6 10.8 16.2#

236 24.6 21.6 32.4



#79

Terphenyl-d14

Concen: 46.444 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.006 min

Lab File: BF126178.D

Acq: 13 Nov 2021 20:24

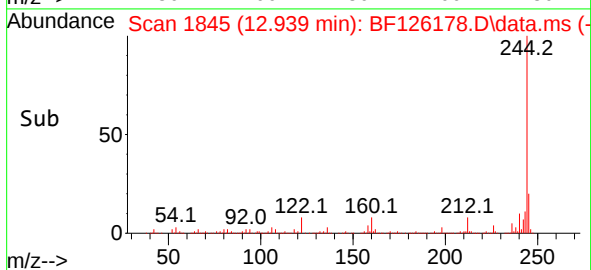
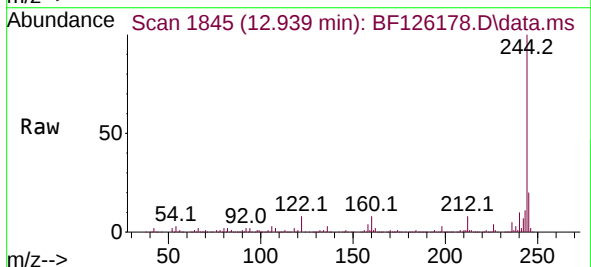
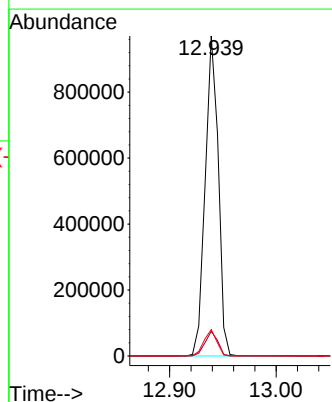
Tgt Ion:244 Resp: 830369

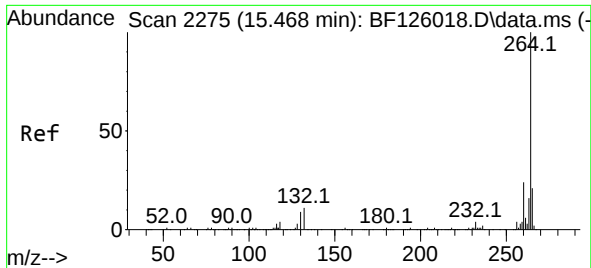
Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

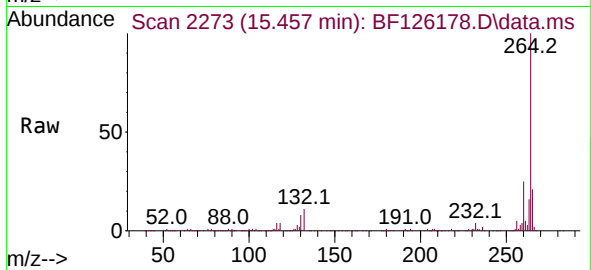
122 8.3 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126178.D
 Acq: 13 Nov 2021 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PARKINGLOT-TOP-U-SP



Tgt Ion:264 Resp: 336210
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 21.4 17.2 25.8

