

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126809.D
 Acq On : 04 Feb 2022 14:28
 Operator : CG/JU
 Sample : N1381-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-11(32-34)-02-02-22

Quant Time: Feb 04 23:53:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

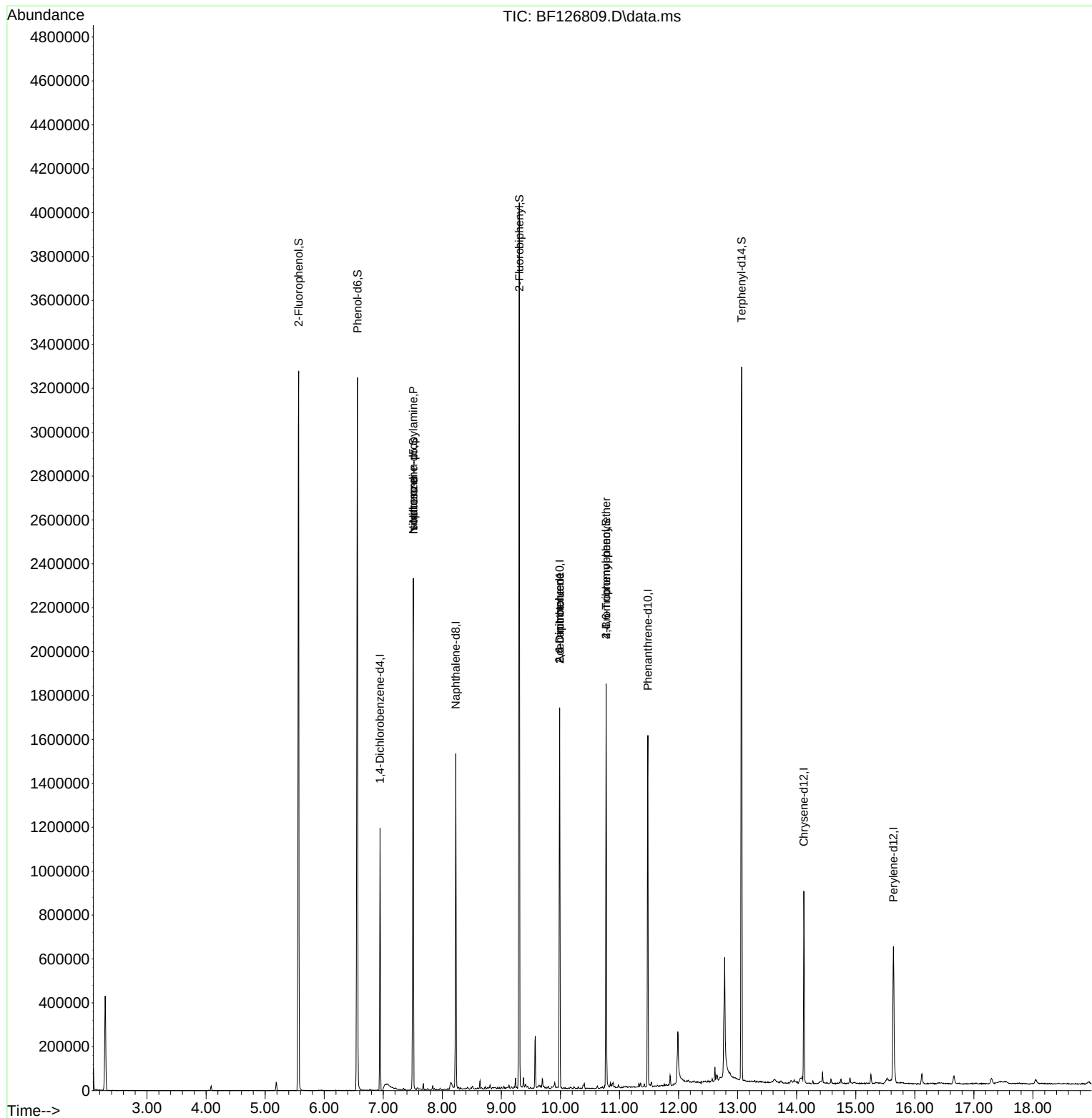
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	145545	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	578810	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	313661	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	536902	20.000	ng	0.00
76) Chrysene-d12	14.121	240	275128	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	276662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	940445	88.501	ng	0.00
7) Phenol-d6	6.563	99	1276875	86.868	ng	0.00
23) Nitrobenzene-d5	7.510	82	891168	57.622	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	189175	58.113	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	1149723	60.694	ng	0.00
79) Terphenyl-d14	13.069	244	1100486	66.912	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	116807	12.068	ng	# 69
25) Isophorone	7.510	82	886889	33.413	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	40419	9.075	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	40419	6.696	ng	# 15
67) 4-Bromophenyl-phenylether	10.775	248	12553	2.043	ng	# 1

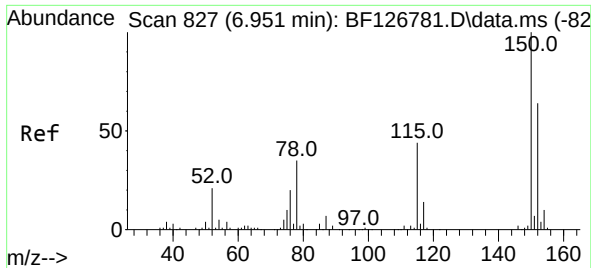
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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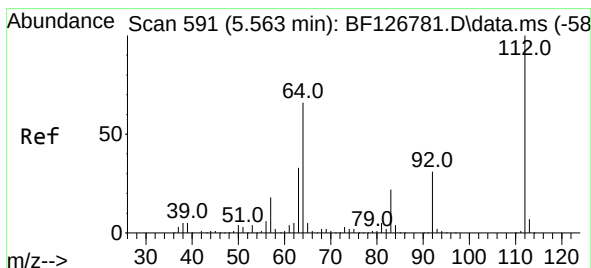
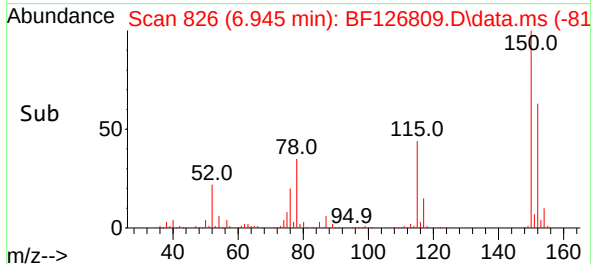
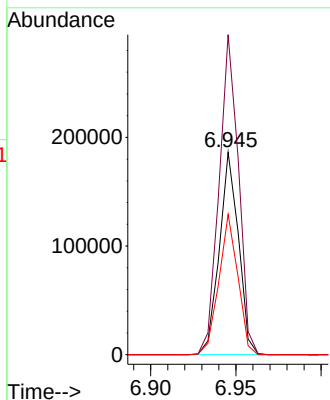
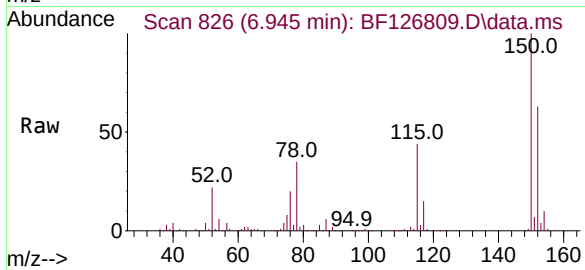




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

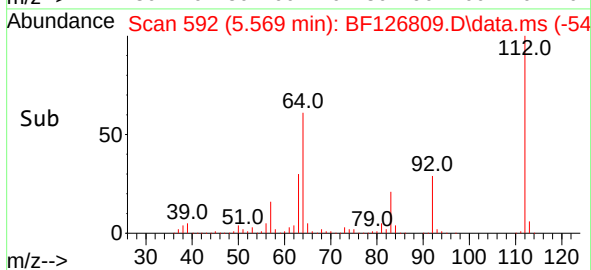
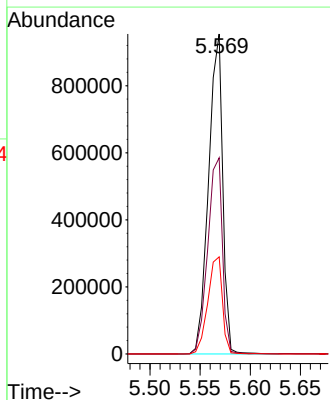
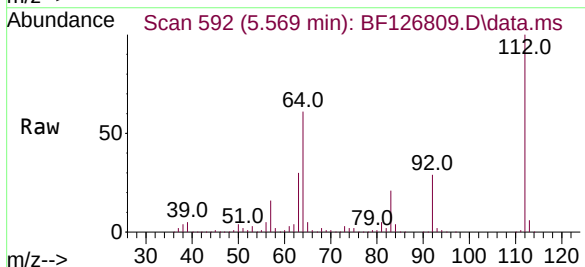
Instrument :
BNA_F
ClientSampleId :
DB-11(32-34)-02-02-22

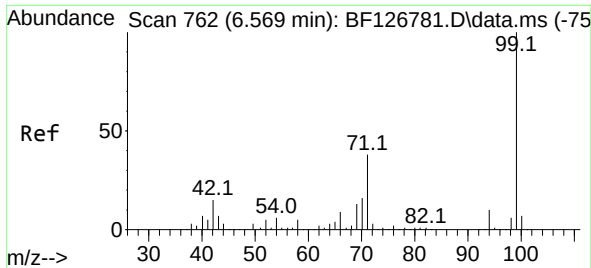
Tgt Ion:152 Resp: 145545
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 88.501 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

Tgt Ion:112 Resp: 940445
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 30.3 23.9 35.9

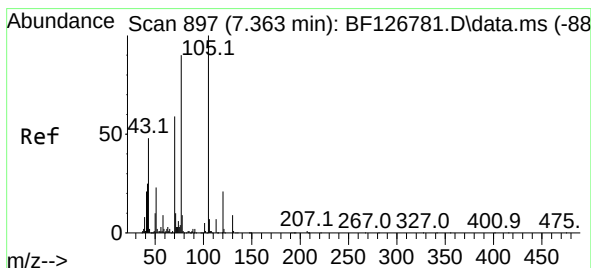
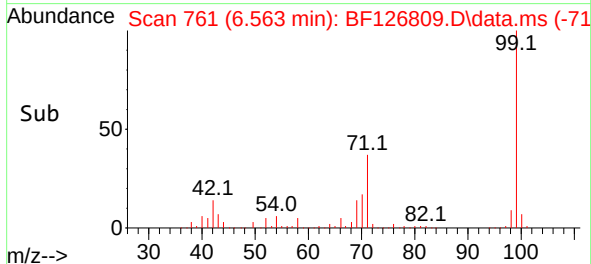
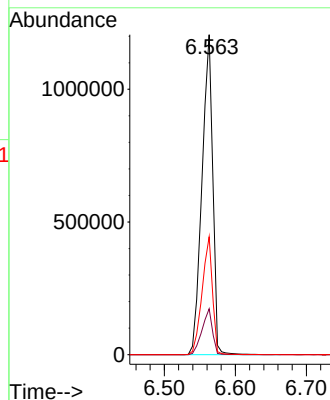
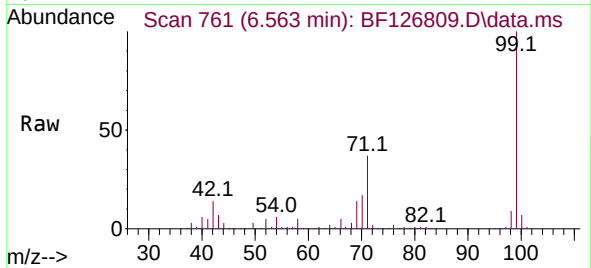




#7
Phenol-d6
Concen: 86.868 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

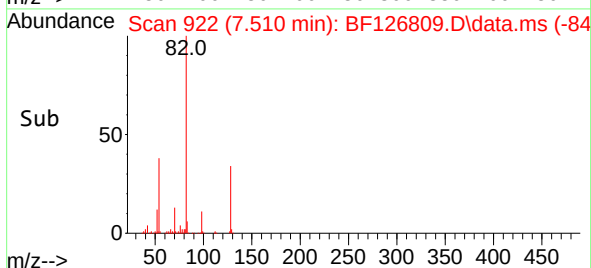
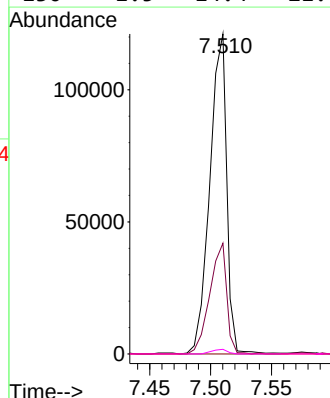
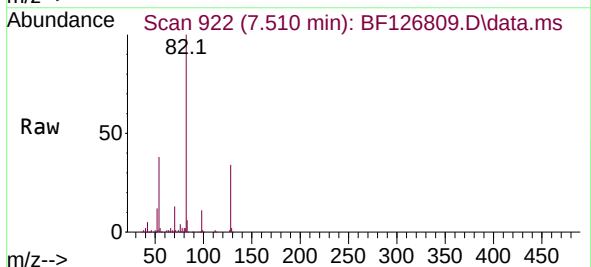
Instrument :
BNA_F
ClientSampleId :
DB-11(32-34)-02-02-22

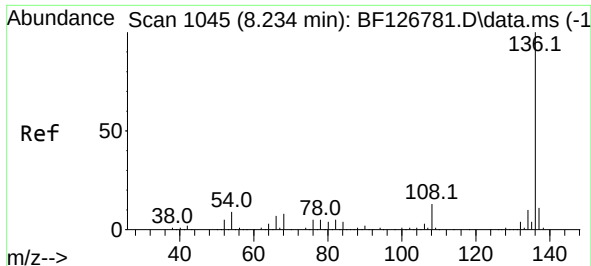
Tgt Ion: 99 Resp: 1276875
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 36.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.068 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

Tgt Ion: 70 Resp: 116807
Ion Ratio Lower Upper
70 100
42 34.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

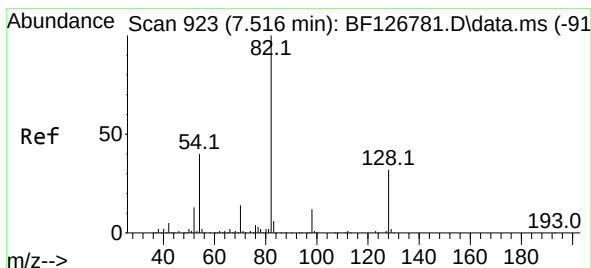
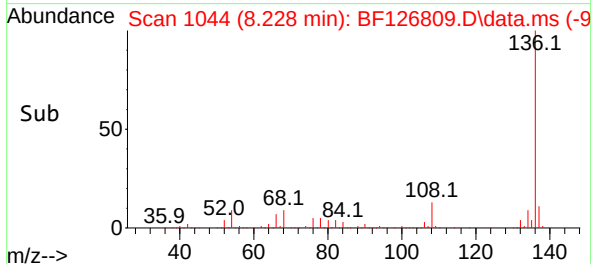
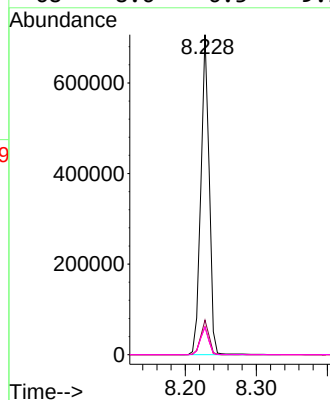
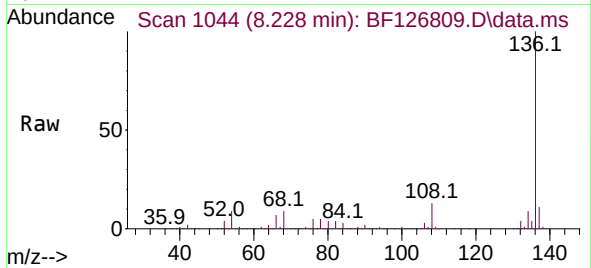




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

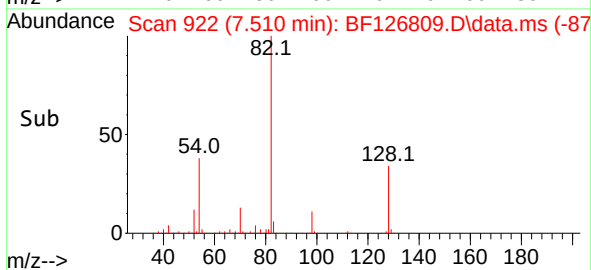
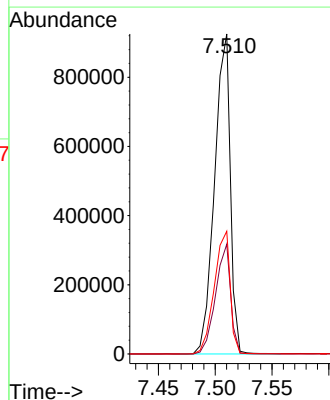
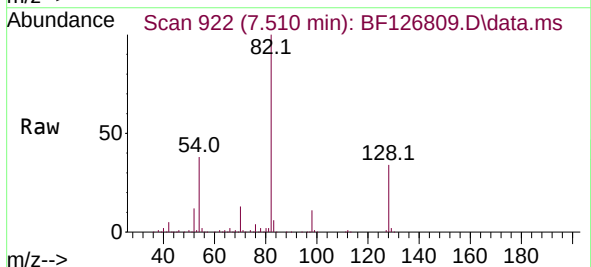
Instrument :
BNA_F
ClientSampleId :
DB-11(32-34)-02-02-22

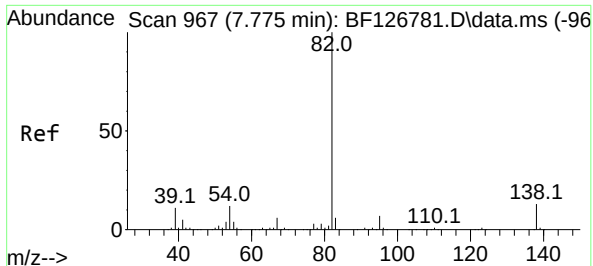
Tgt Ion:136	Resp:	578810
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	8.8	7.8 11.6
68	8.6	6.3 9.5



#23
Nitrobenzene-d5
Concen: 57.622 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

Tgt Ion: 82	Resp:	891168
Ion	Ratio	Lower Upper
82	100	
128	34.3	32.7 49.1
54	38.4	41.7 62.5

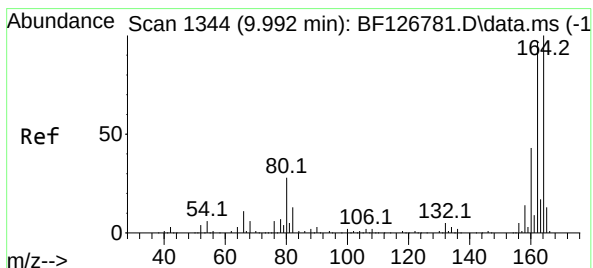
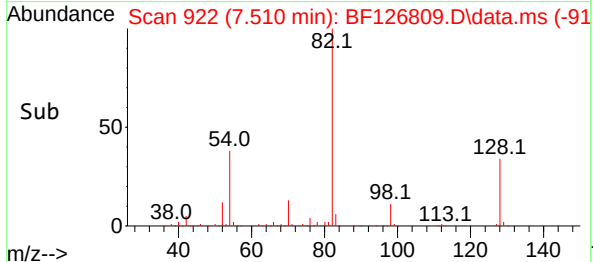
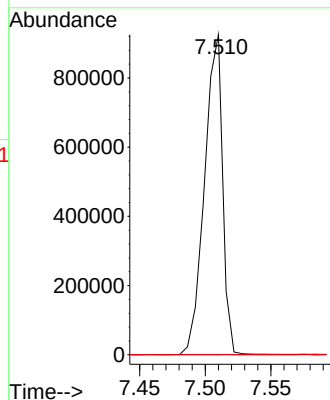
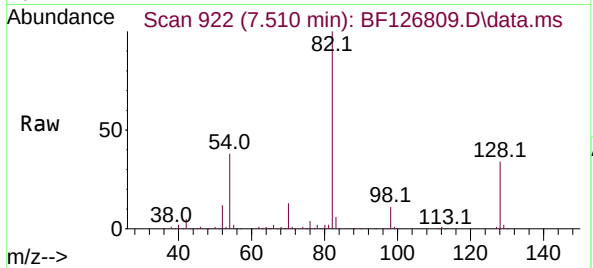




#25
Isophorone
Concen: 33.413 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

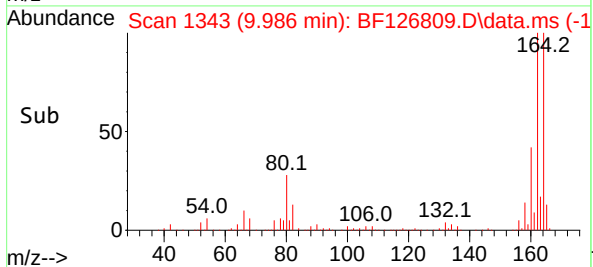
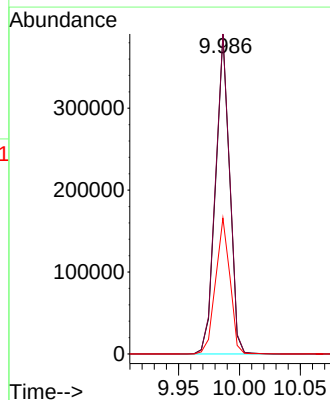
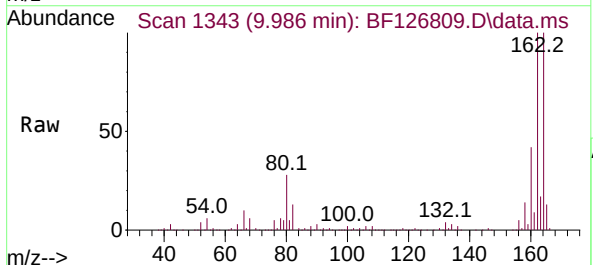
Instrument :
BNA_F
ClientSampleId :
DB-11(32-34)-02-02-22

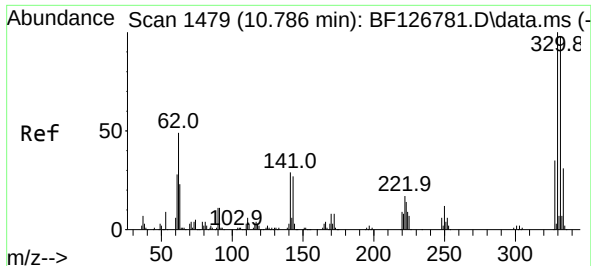
Tgt Ion: 82 Resp: 886889
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

Tgt Ion: 164 Resp: 313661
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 42.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 58.113 ng

RT: 10.775 min Scan# 1479

Delta R.T. -0.012 min

Lab File: BF126809.D

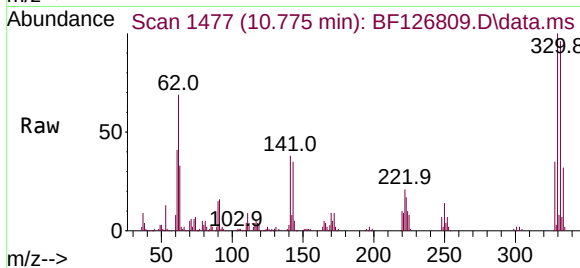
Acq: 04 Feb 2022 14:28

Instrument :

BNA_F

ClientSampleId :

DB-11(32-34)-02-02-22



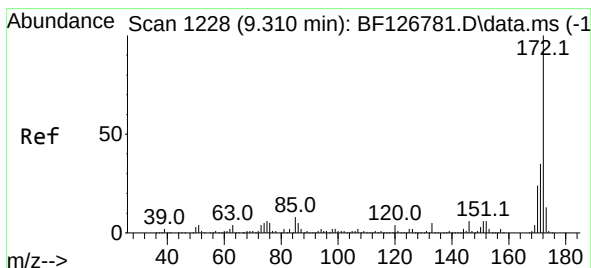
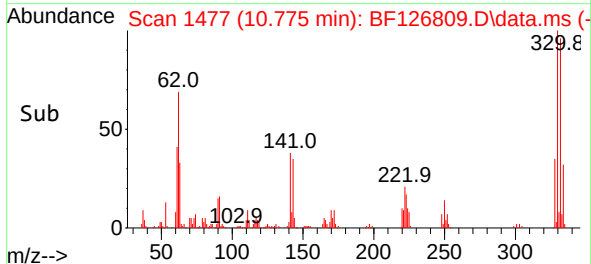
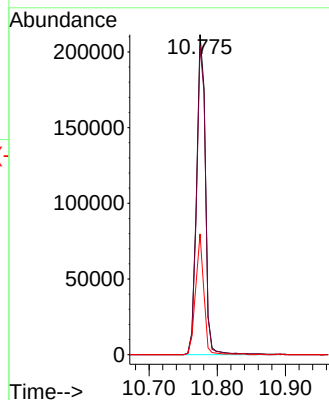
Tgt Ion:330 Resp: 189175

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 35.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 60.694 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126809.D

Acq: 04 Feb 2022 14:28

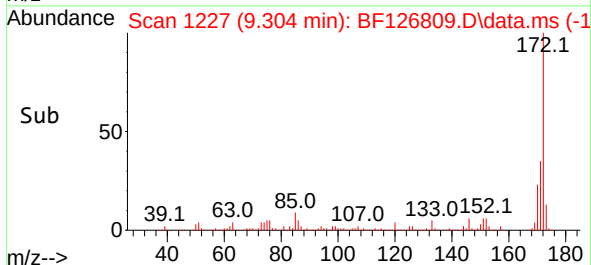
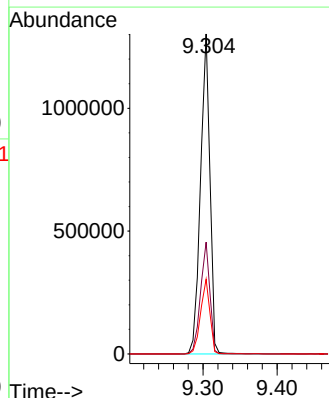
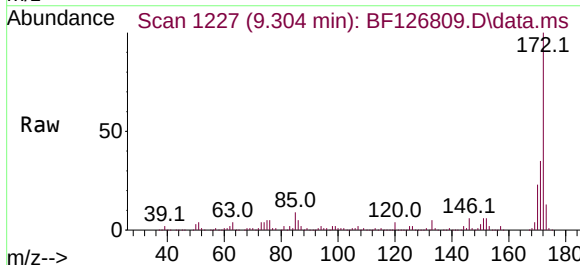
Tgt Ion:172 Resp: 1149723

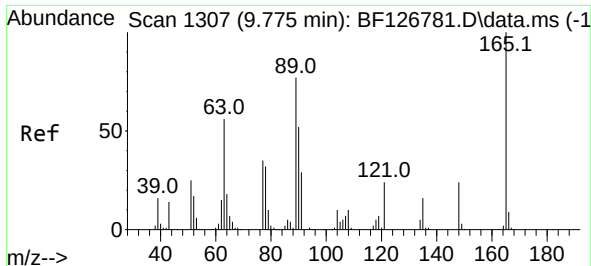
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

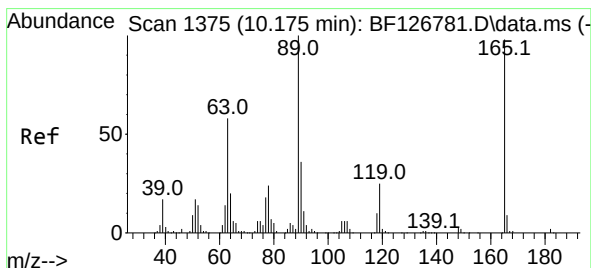
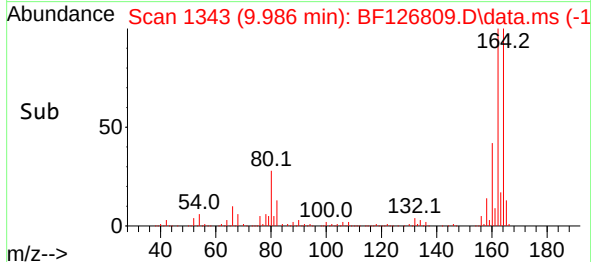
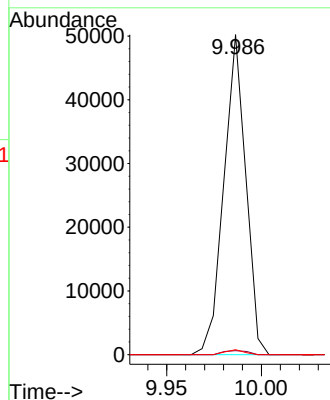
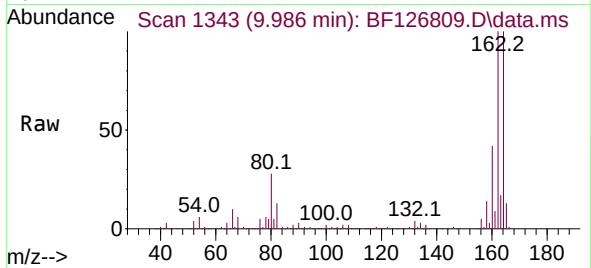




#51
2,6-Dinitrotoluene
Concen: 9.075 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

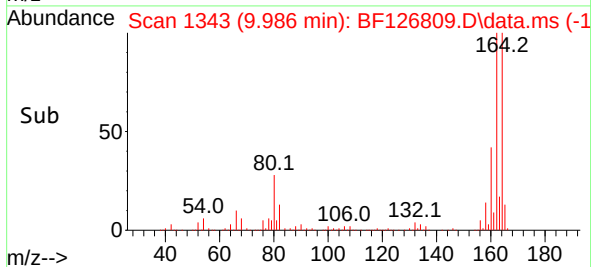
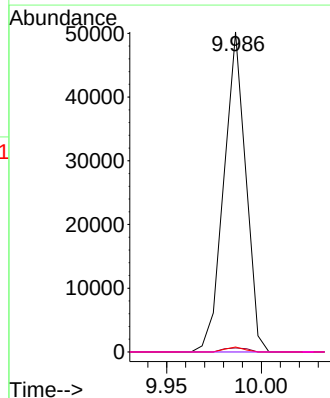
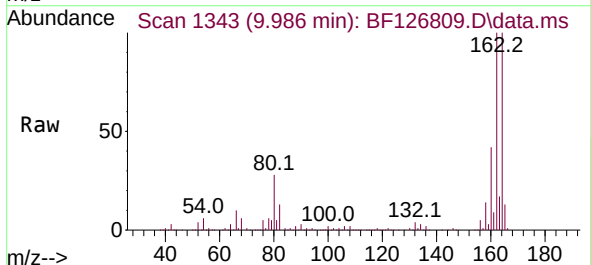
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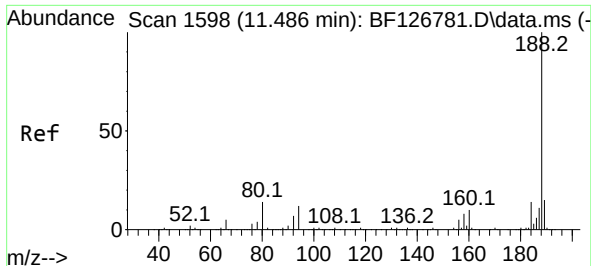
Tgt Ion:165 Resp: 40419
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.696 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

Tgt Ion:165 Resp: 40419
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#

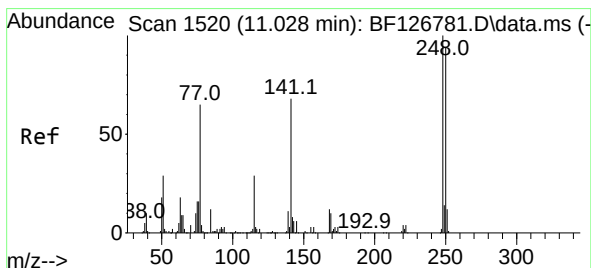
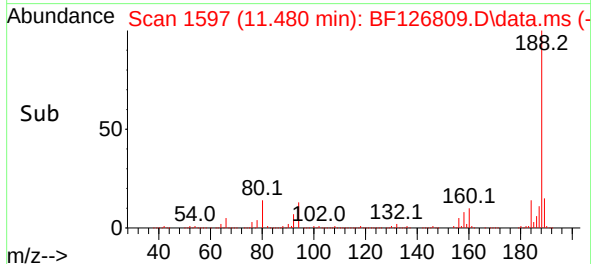
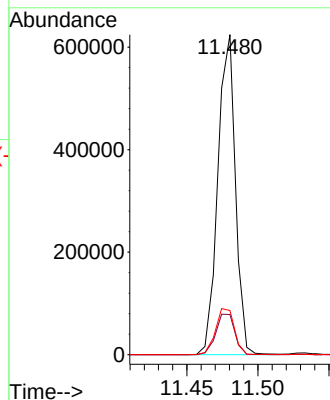
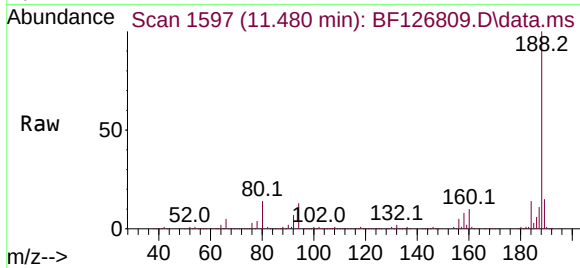




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

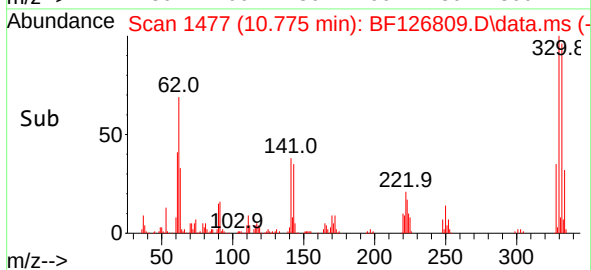
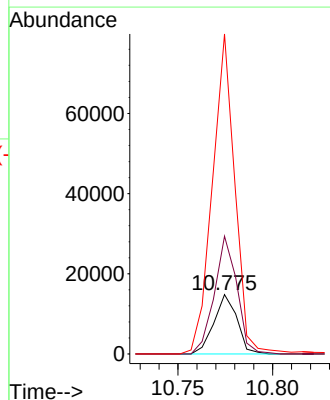
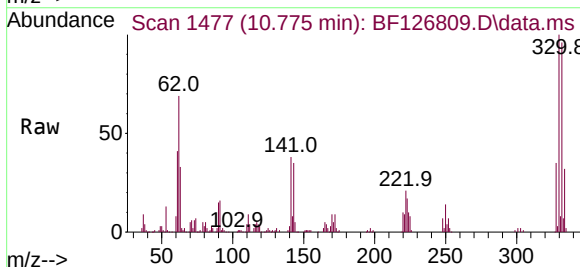
Instrument :
BNA_F
ClientSampleId :
DB-11(32-34)-02-02-22

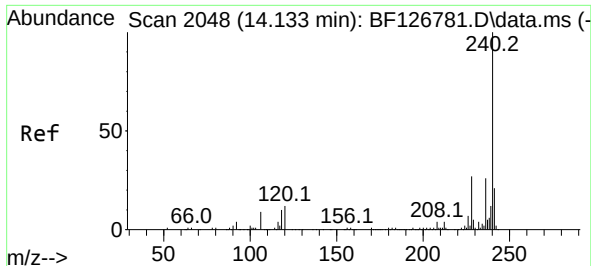
Tgt Ion:188 Resp: 536902
Ion Ratio Lower Upper
188 100
94 12.5 10.1 15.1
80 13.8 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.043 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

Tgt Ion:248 Resp: 12553
Ion Ratio Lower Upper
248 100
250 198.3 76.2 114.4#
141 539.2 66.2 99.4#

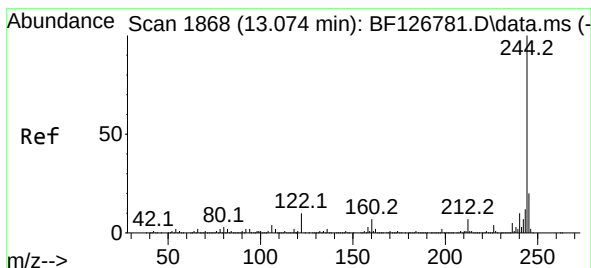
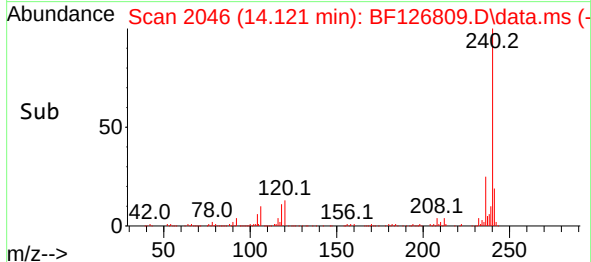
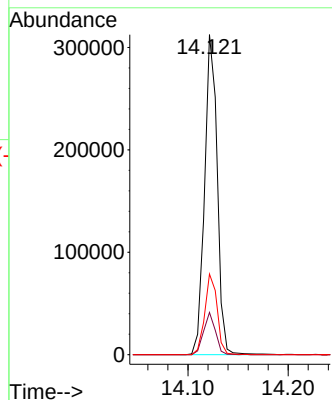
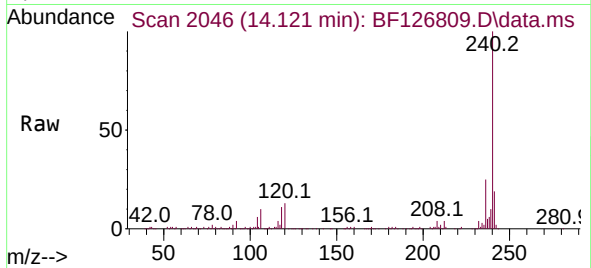




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

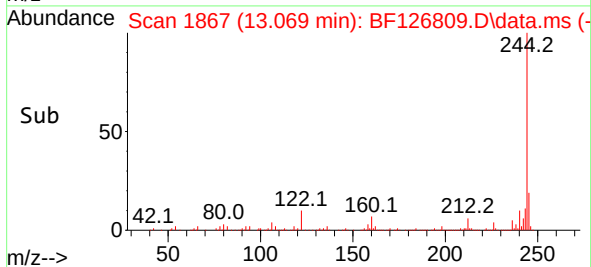
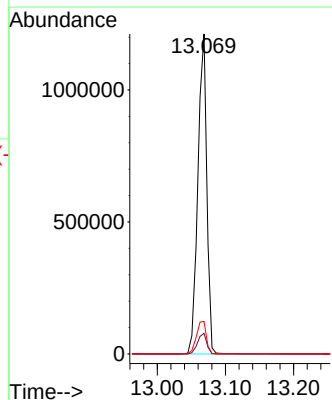
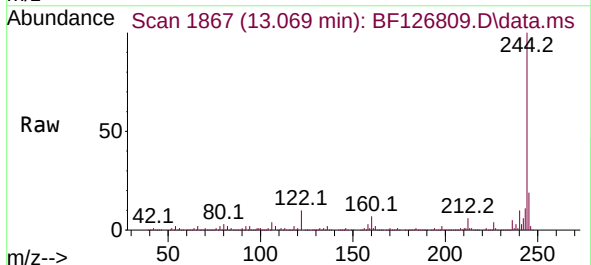
Instrument :
BNA_F
ClientSampleId :
DB-11(32-34)-02-02-22

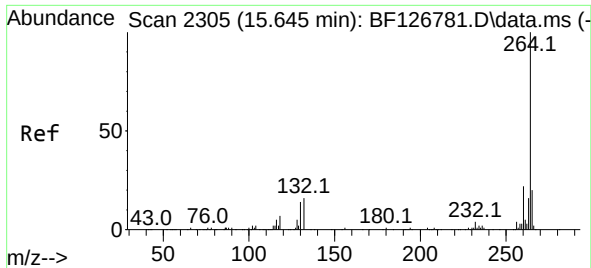
Tgt Ion:240 Resp: 275128
Ion Ratio Lower Upper
240 100
120 13.2 14.4 21.6#
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 66.912 ng
RT: 13.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BF126809.D
Acq: 04 Feb 2022 14:28

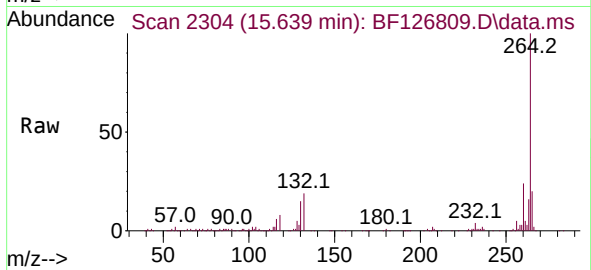
Tgt Ion:244 Resp: 1100486
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.1 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126809.D
 Acq: 04 Feb 2022 14:28

Instrument :
 BNA_F
 ClientSampleId :
 DB-11(32-34)-02-02-22



Tgt Ion:264 Resp: 276662
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.5 17.4 26.2

