

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127364.D
 Acq On : 16 Mar 2022 23:21
 Operator : CG\JU
 Sample : N1951-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-14-(20-25)-3-12-22

Quant Time: Mar 17 02:37:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

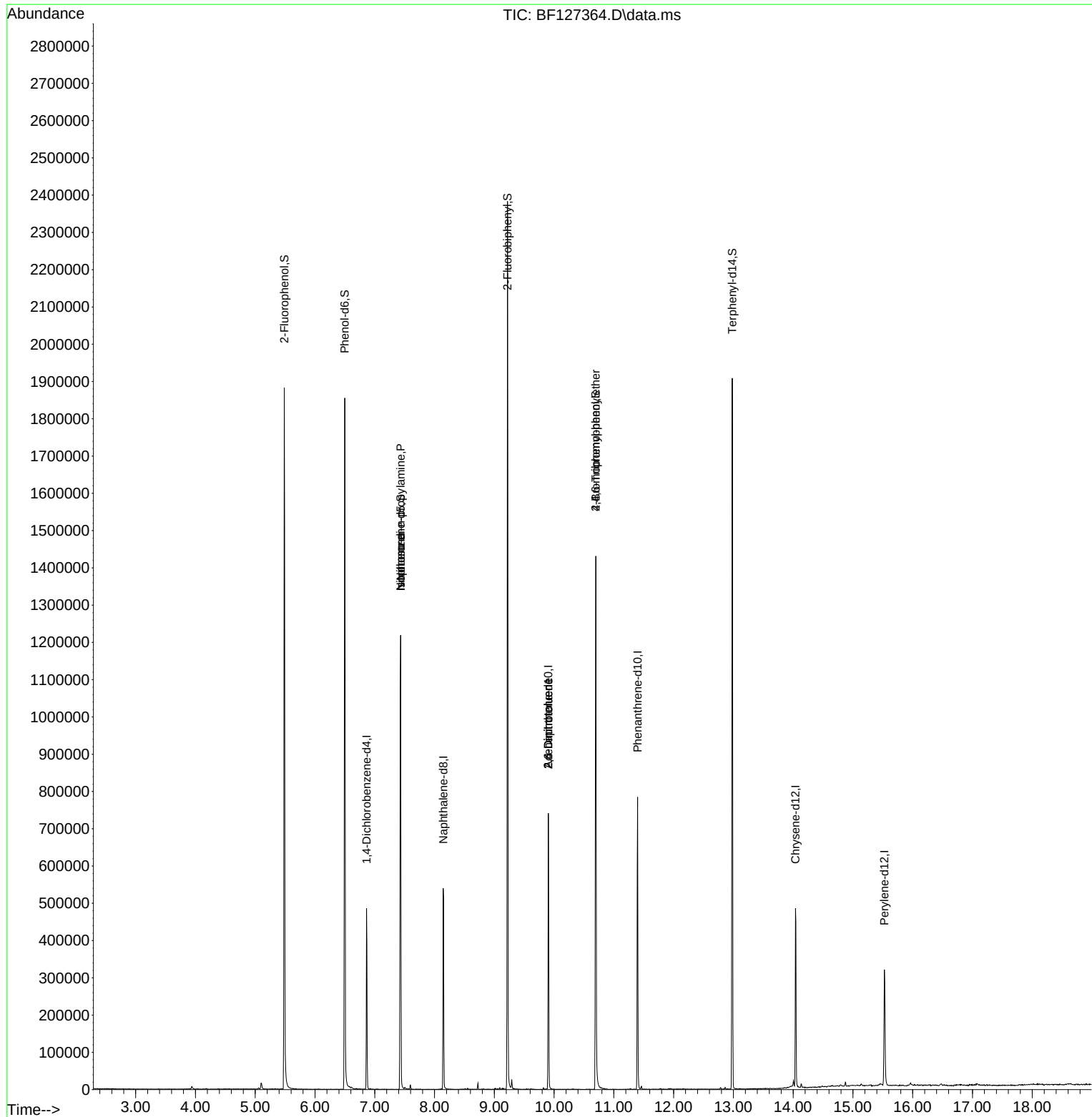
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	63112	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	223360	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	140290	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	270049	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	174913	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	151319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	444884	113.319	ng	0.00
7) Phenol-d6	6.498	99	554653	102.700	ng	0.00
23) Nitrobenzene-d5	7.434	82	377321	69.765	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	153471	101.622	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	692505	69.788	ng	-0.01
79) Terphenyl-d14	12.980	244	638104	62.819	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	934	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	51902	15.400	ng	# 87
25) Isophorone	7.434	82	377321	43.387	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	17467	8.590	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	17467	6.529	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	10823	3.325	ng	# 1

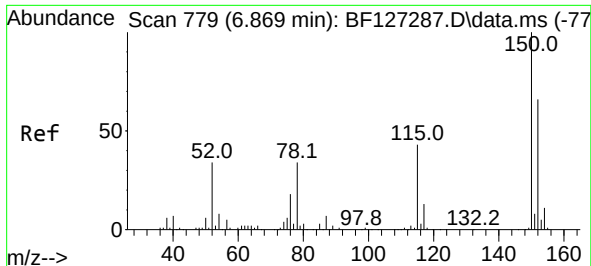
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

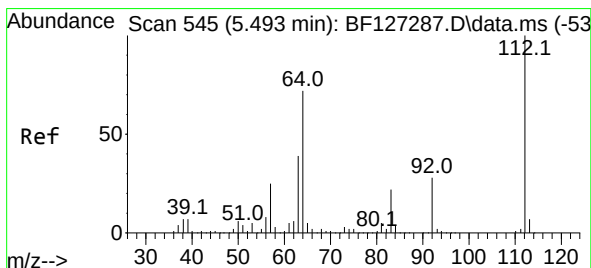
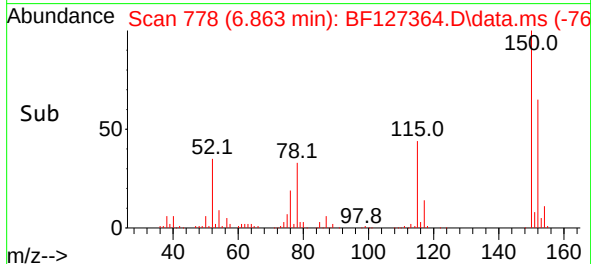
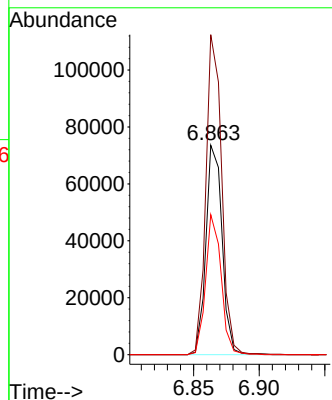
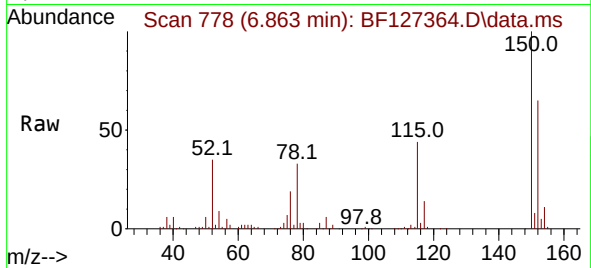




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

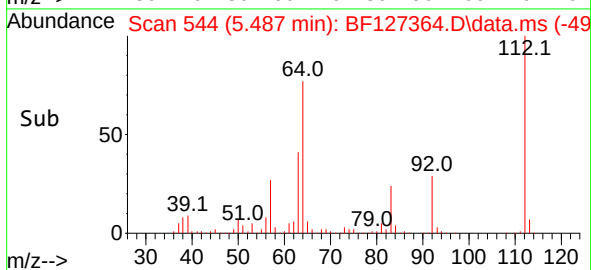
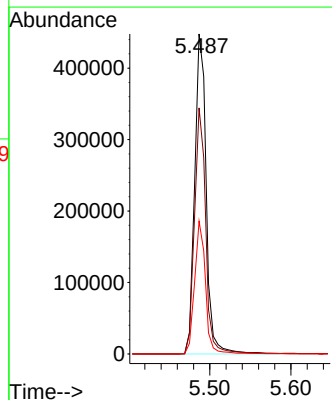
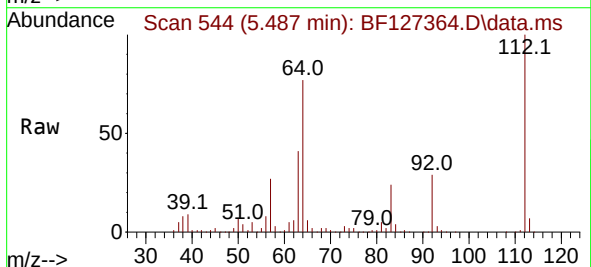
Instrument :
BNA_F
ClientSampleId :
DB-14-(20-25)-3-12-22

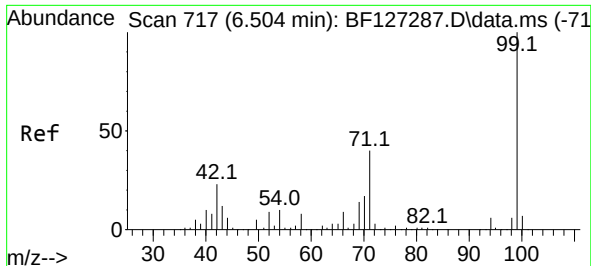
Tgt Ion:152 Resp: 63112
Ion Ratio Lower Upper
152 100
150 152.8 128.1 192.1
115 66.9 56.7 85.1



#5
2-Fluorophenol
Concen: 113.319 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion:112 Resp: 444884
Ion Ratio Lower Upper
112 100
64 76.9 49.5 74.3#
63 41.5 23.9 35.9#

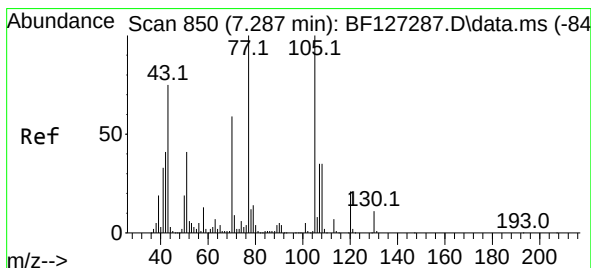
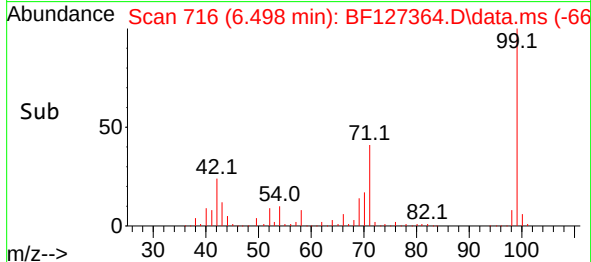
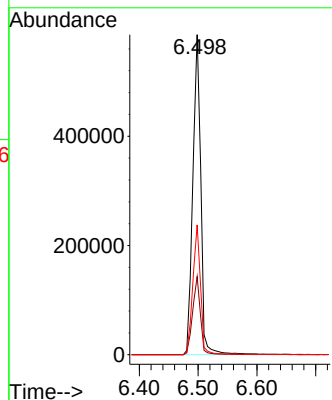
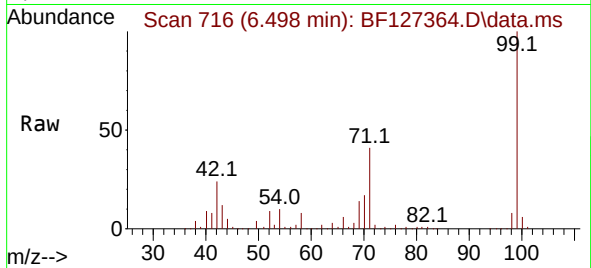




#7
Phenol-d6
Concen: 102.700 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

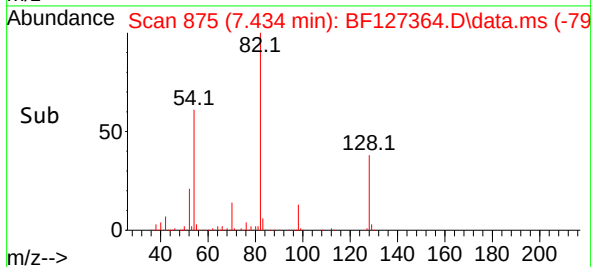
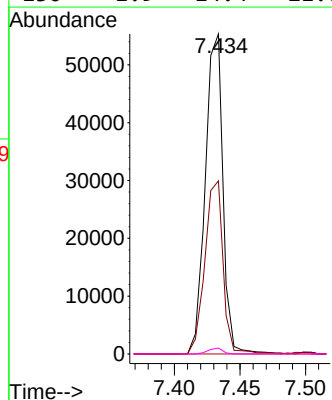
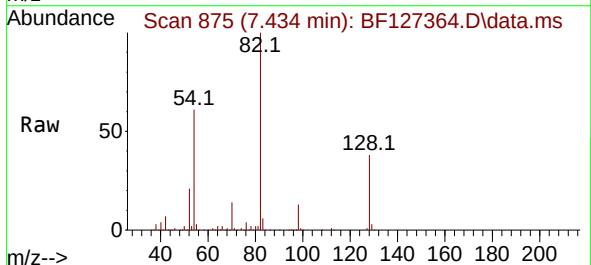
Instrument :
BNA_F
ClientSampleId :
DB-14-(20-25)-3-12-22

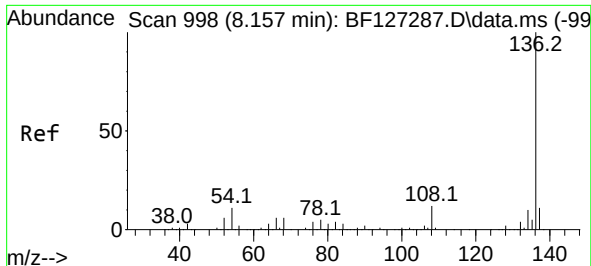
Tgt Ion: 99 Resp: 554653
Ion Ratio Lower Upper
99 100
42 24.4 14.2 21.4#
71 40.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.400 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion: 70 Resp: 51902
Ion Ratio Lower Upper
70 100
42 54.1 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

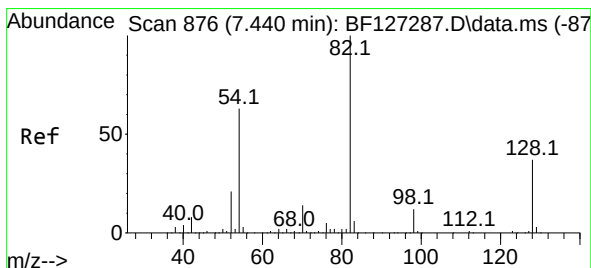
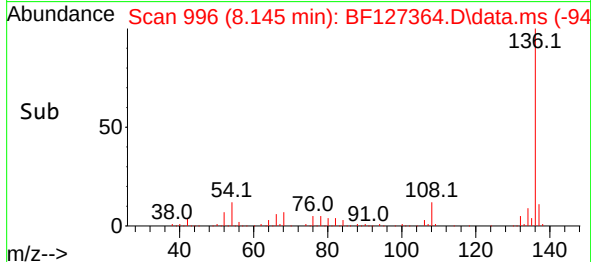
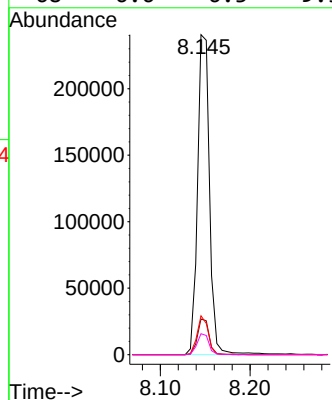
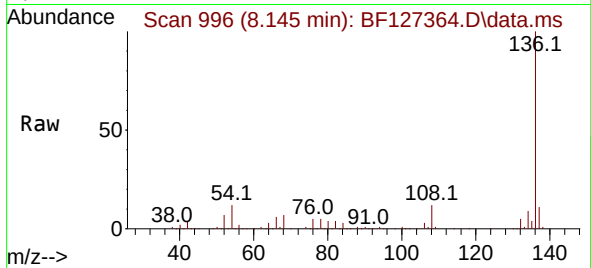




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

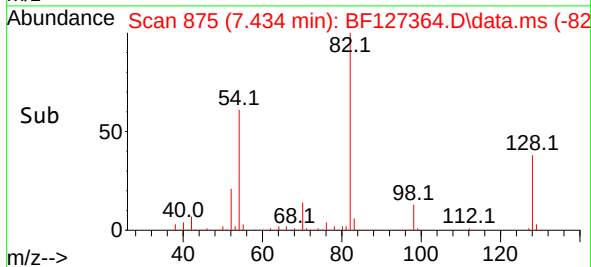
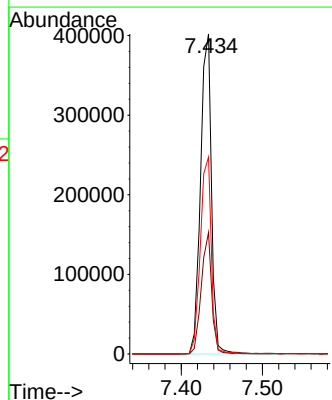
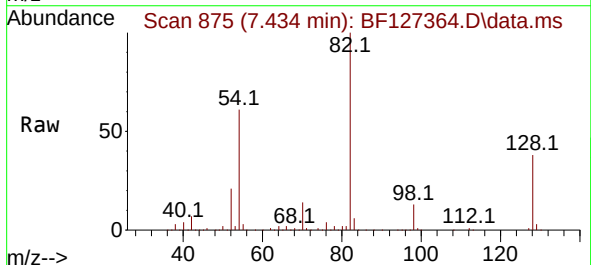
Instrument :
BNA_F
ClientSampleId :
DB-14-(20-25)-3-12-22

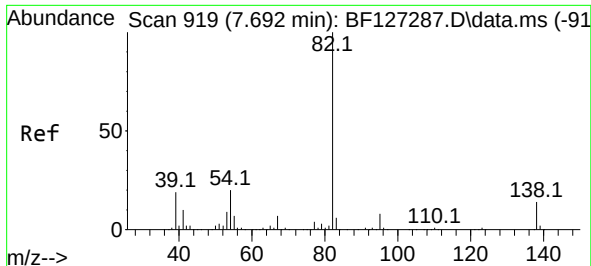
Tgt Ion:	136	Resp:	223360
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	12.2	7.8	11.6
68	6.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 69.765 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion:	82	Resp:	377321
Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.7	49.1
54	61.5	41.7	62.5

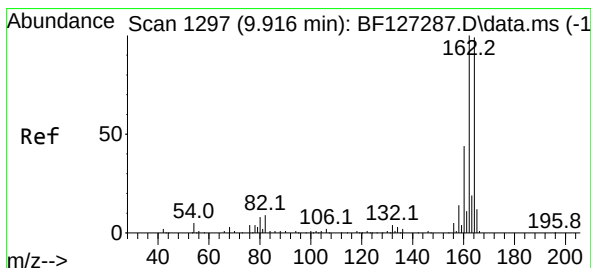
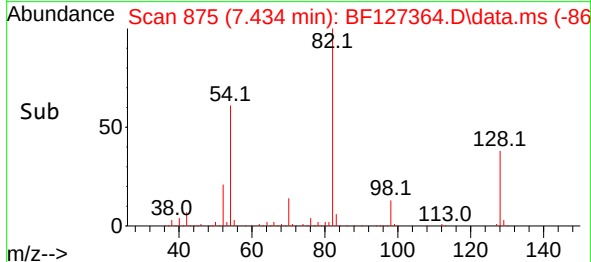
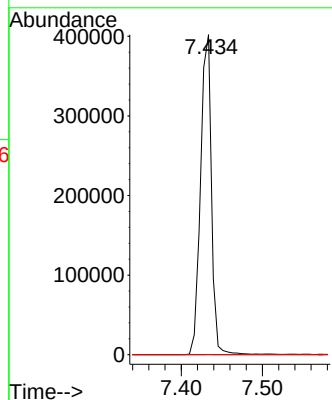
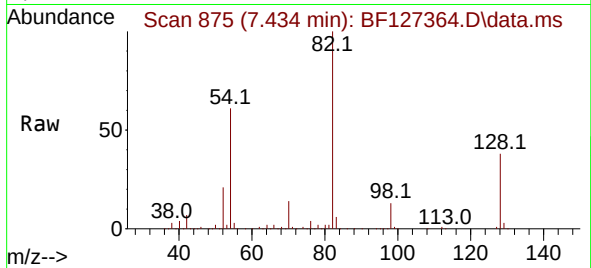




#25
Isophorone
Concen: 43.387 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

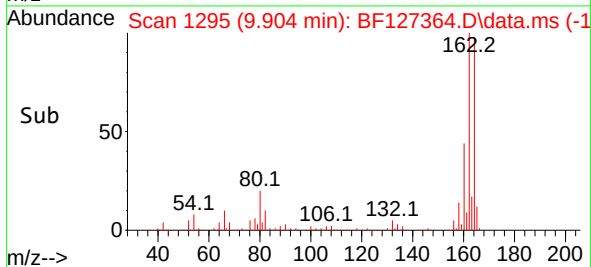
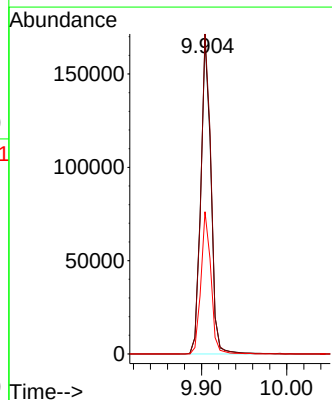
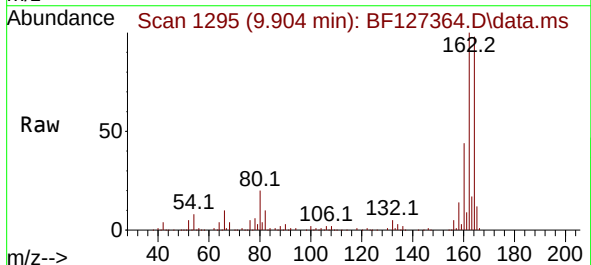
Instrument :
BNA_F
ClientSampleId :
DB-14-(20-25)-3-12-22

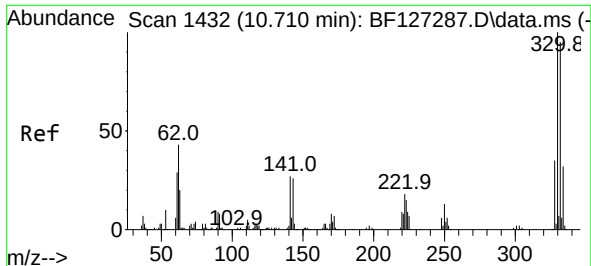
Tgt Ion: 82 Resp: 377321
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion:164 Resp: 140290
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.622 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127364.D

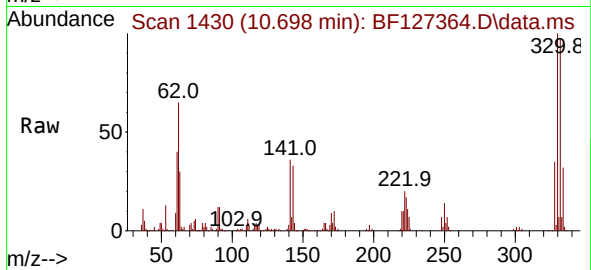
Acq: 16 Mar 2022 23:21

Instrument :

BNA_F

ClientSampleId :

DB-14-(20-25)-3-12-22



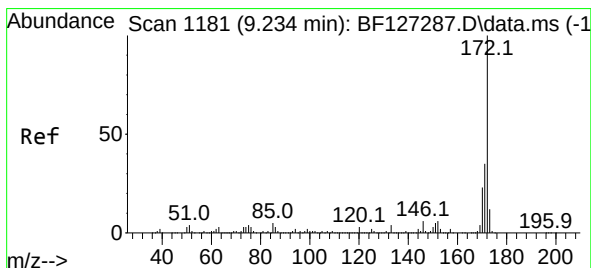
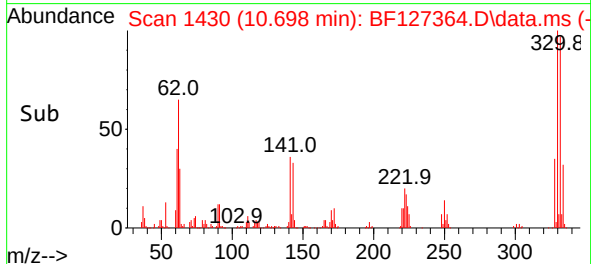
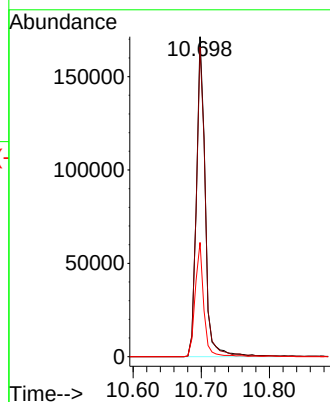
Tgt Ion:330 Resp: 153471

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 69.788 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127364.D

Acq: 16 Mar 2022 23:21

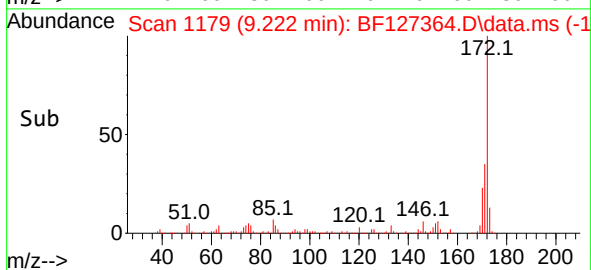
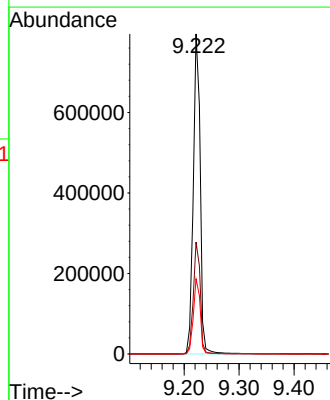
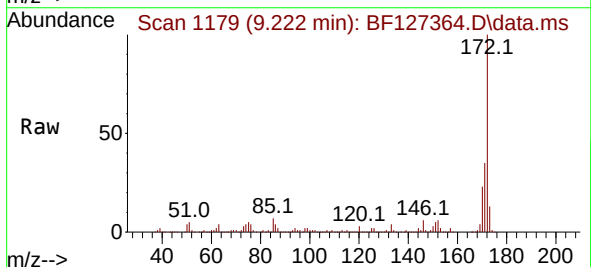
Tgt Ion:172 Resp: 692505

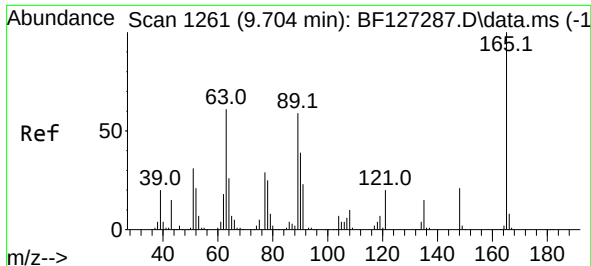
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.5 19.0 28.6

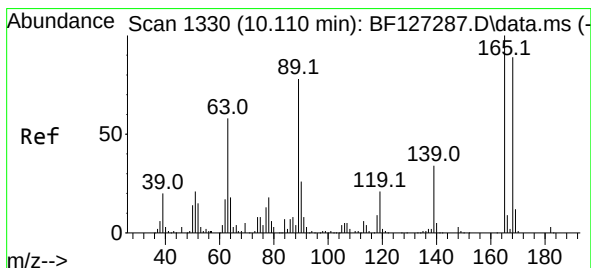
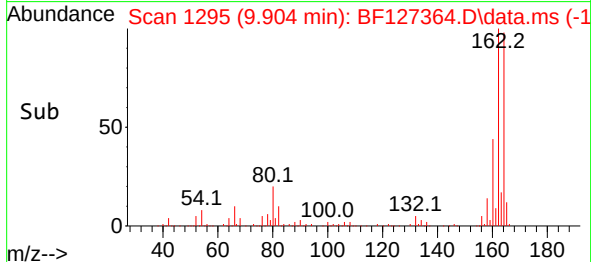
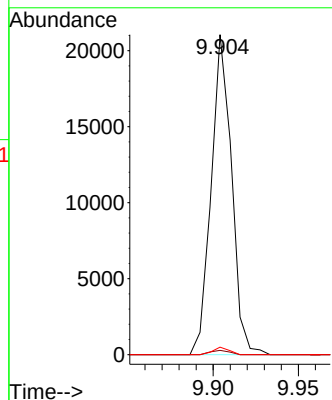
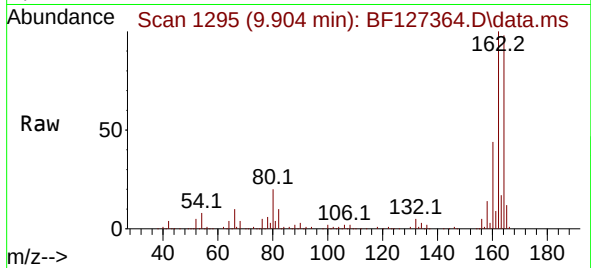




#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

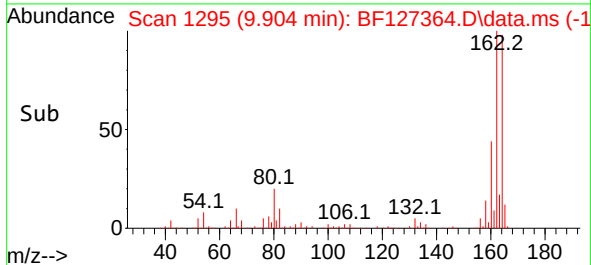
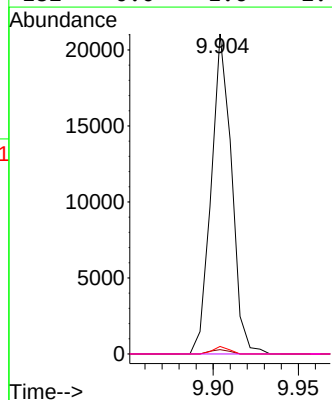
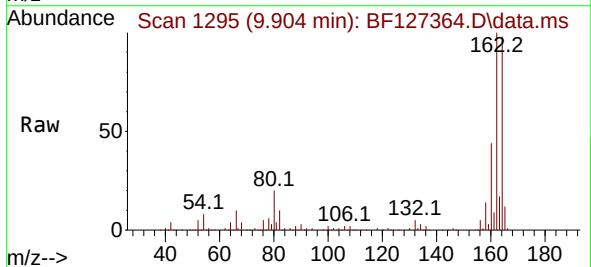
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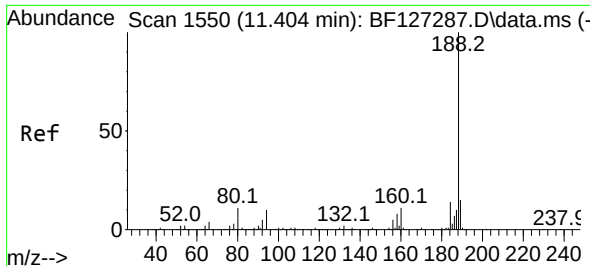
Tgt Ion:165 Resp: 17467
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 2.4 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.529 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion:165 Resp: 17467
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 2.4 71.0 106.4#
182 0.0 1.6 2.4#

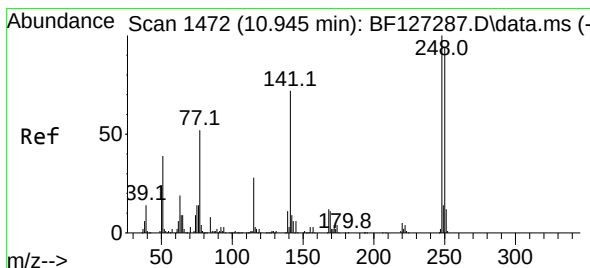
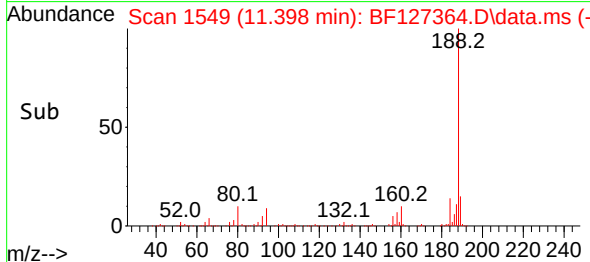
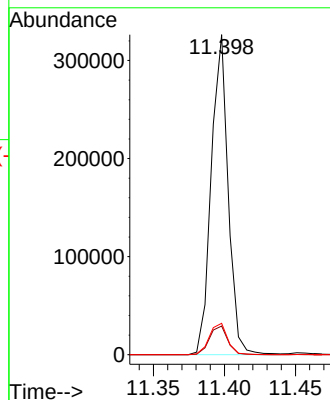
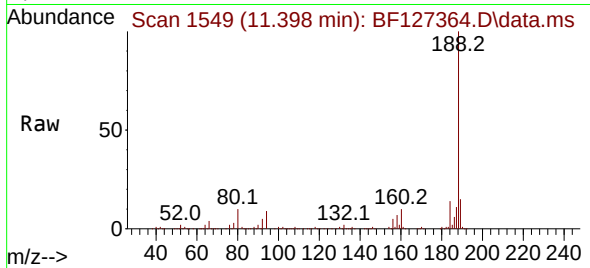




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

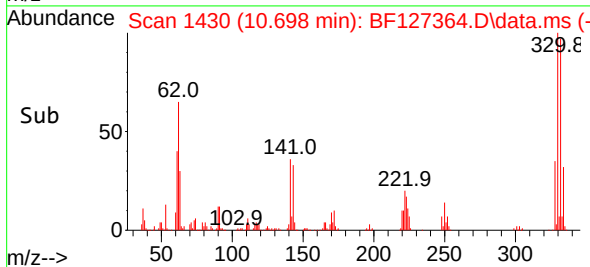
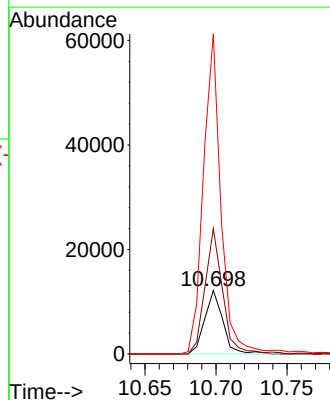
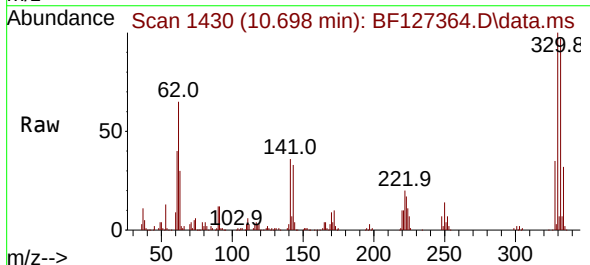
Instrument :
BNA_F
ClientSampleId :
DB-14-(20-25)-3-12-22

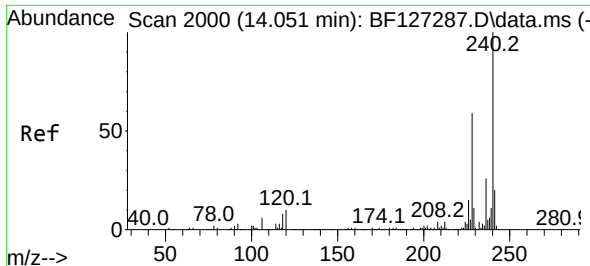
Tgt Ion:188 Resp: 270049
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.325 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion:248 Resp: 10823
Ion Ratio Lower Upper
248 100
250 197.8 76.2 114.4#
141 505.0 66.2 99.4#

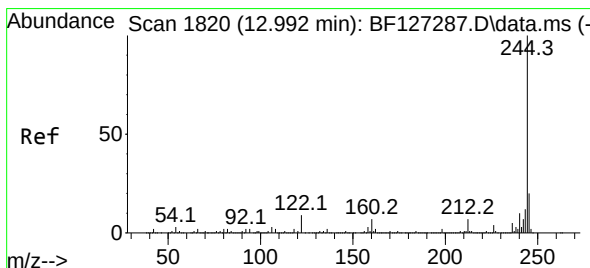
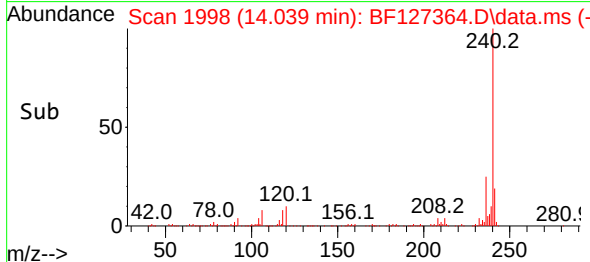
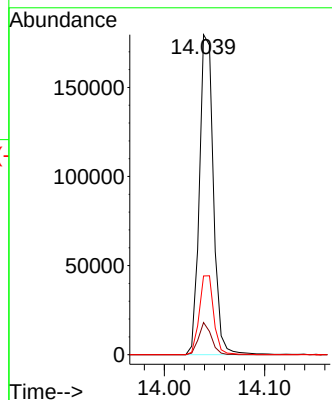
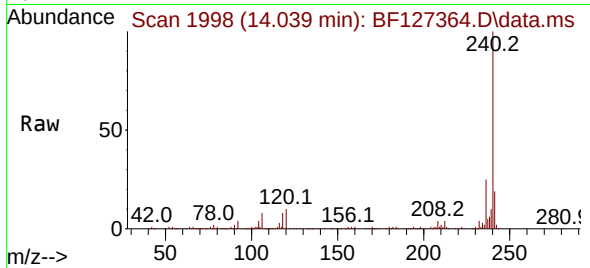




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

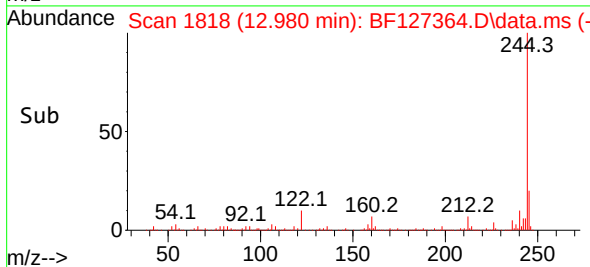
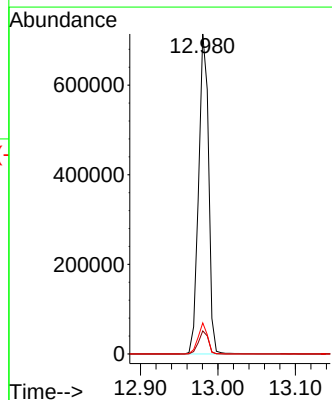
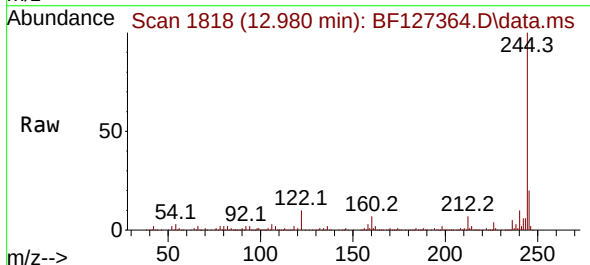
Instrument :
BNA_F
ClientSampleId :
DB-14-(20-25)-3-12-22

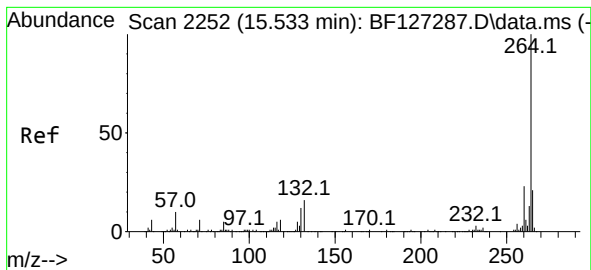
Tgt Ion:240 Resp: 174913
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 24.6 20.5 30.7



#79
Terphenyl-d14
Concen: 62.819 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127364.D
Acq: 16 Mar 2022 23:21

Tgt Ion:244 Resp: 638104
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 9.7 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127364.D

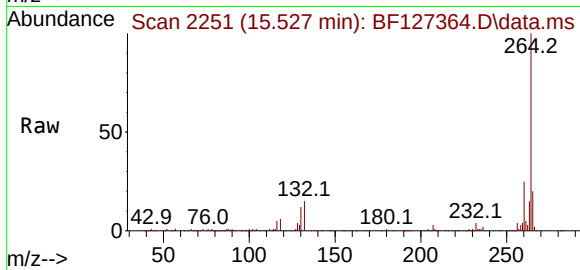
Acq: 16 Mar 2022 23:21

Instrument :

BNA_F

ClientSampleId :

DB-14-(20-25)-3-12-22



Tgt Ion:264 Resp: 151319

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 20.4 17.4 26.2

