

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128402.D
 Acq On : 23 May 2022 16:04
 Operator : CG\JU
 Sample : N2873-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-2430-01

Quant Time: May 24 01:22:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

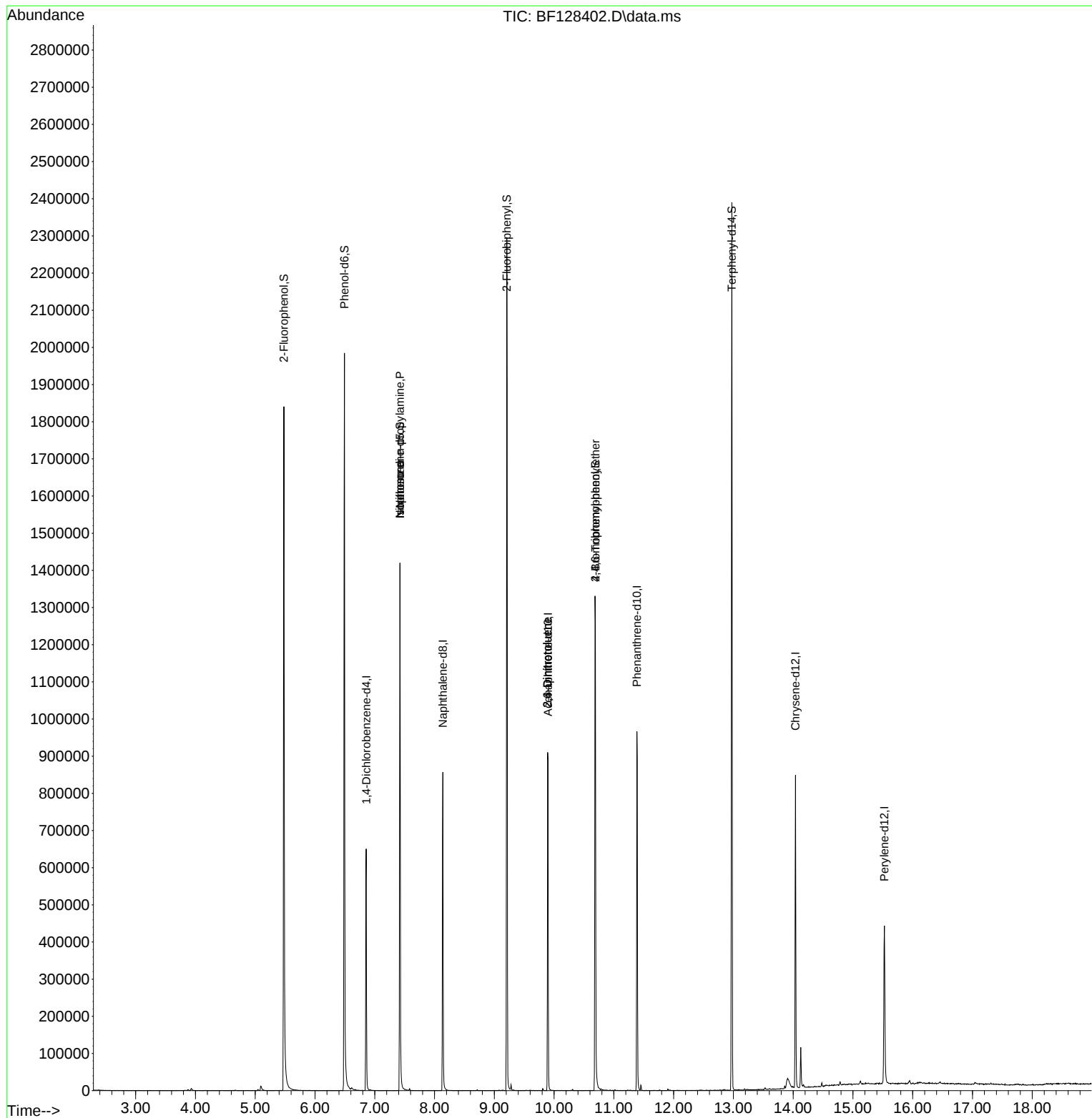
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	95835	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	362807	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	199872	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	370105	20.000	ng	0.00
76) Chrysene-d12	14.039	240	270162	20.000	ng	-0.01
86) Perylene-d12	15.527	264	207629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	508065	84.366	ng	0.00
7) Phenol-d6	6.492	99	644113	81.226	ng	0.00
23) Nitrobenzene-d5	7.422	82	443404	54.758	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	170043	82.494	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	686231	56.147	ng	-0.01
79) Terphenyl-d14	12.974	244	782069	55.882	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1076	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	57310	12.084	ng	# 80
25) Isophorone	7.422	82	443401	35.732	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	25884	9.296	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	25884	7.378	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	10046	2.594	ng	# 1

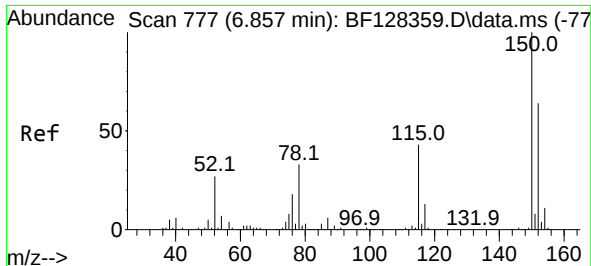
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
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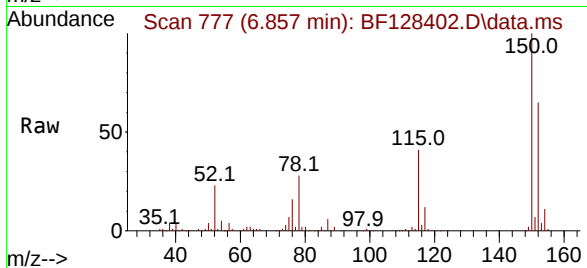
Quant Time: May 24 01:22:51 2022
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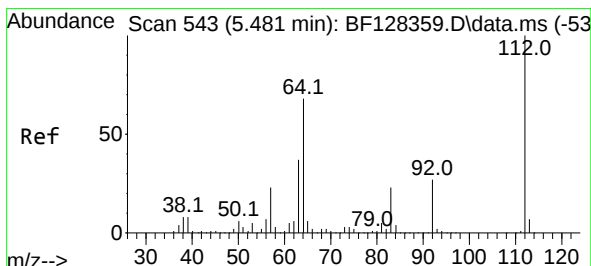
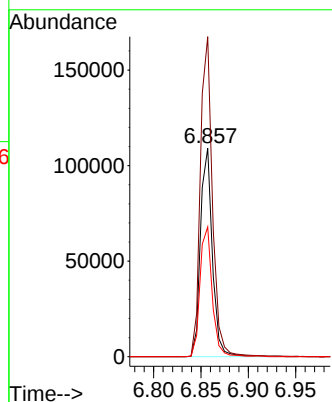
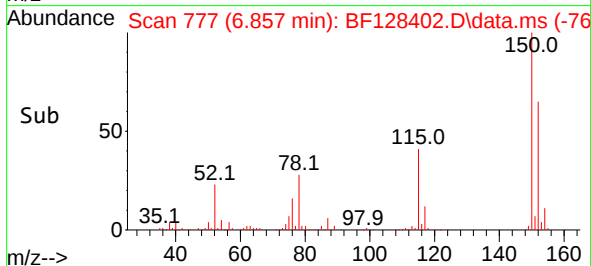


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

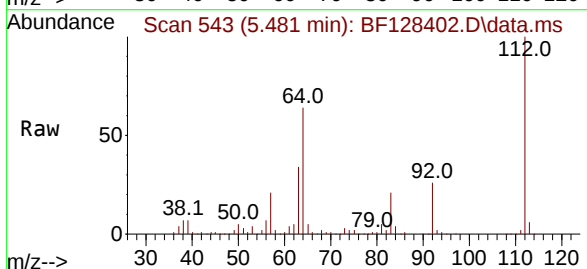
Instrument :
BNA_F
ClientSampleId :
P032-SS001-2430-01



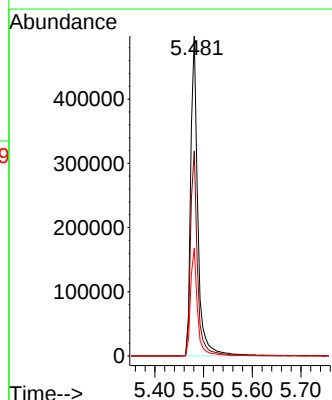
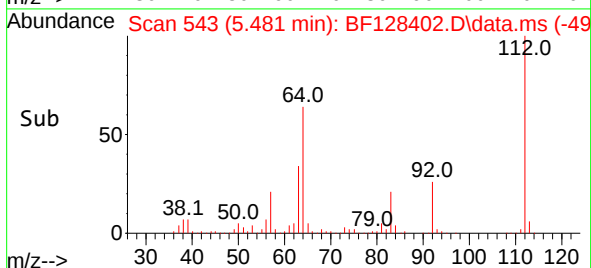
Tgt Ion:152 Resp: 95835
Ion Ratio Lower Upper
152 100
150 153.5 125.3 187.9
115 62.2 48.8 73.2

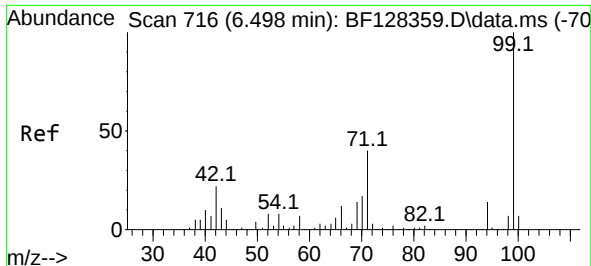


#5
2-Fluorophenol
Concen: 84.366 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04



Tgt Ion:112 Resp: 508065
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 33.6 26.3 39.5

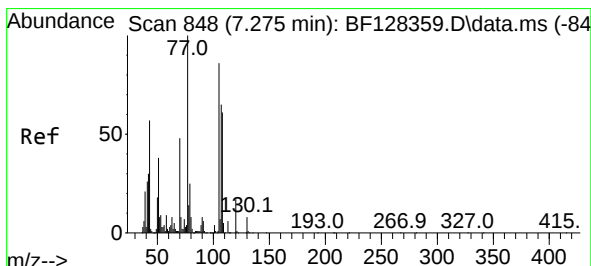
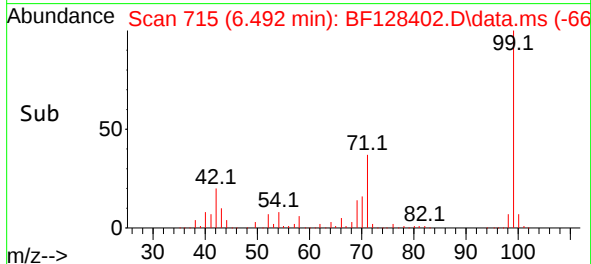
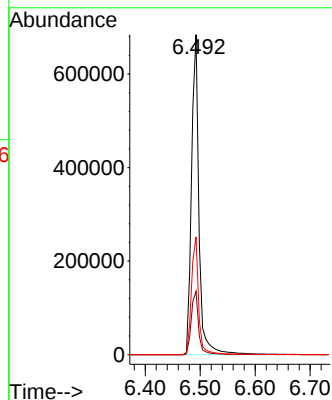
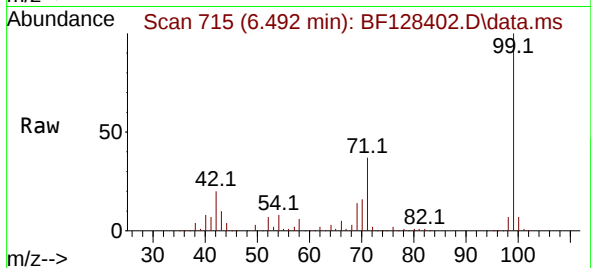




#7
Phenol-d6
Concen: 81.226 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

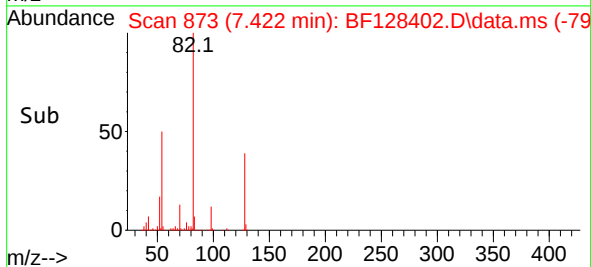
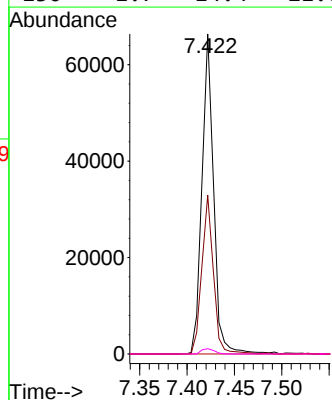
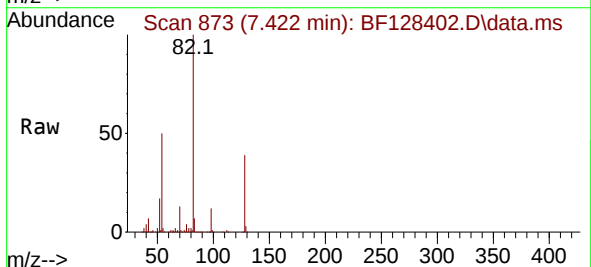
Instrument :
BNA_F
ClientSampleId :
P032-SS001-2430-01

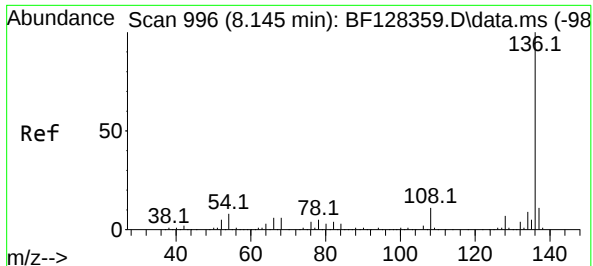
Tgt Ion: 99 Resp: 644113
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 36.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.084 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

Tgt Ion: 70 Resp: 57310
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

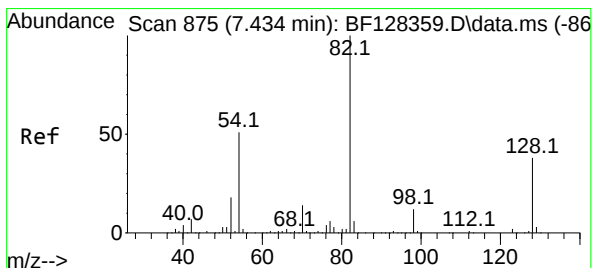
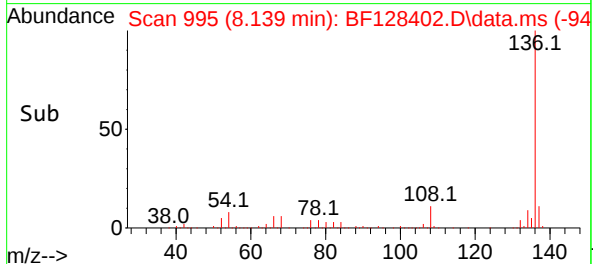
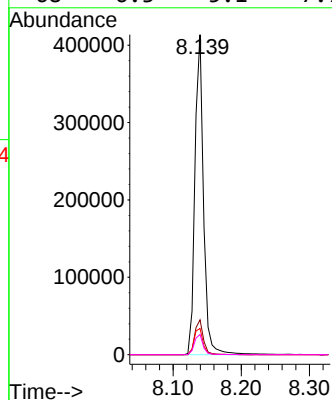
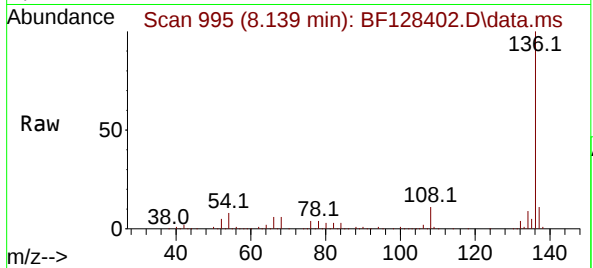




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

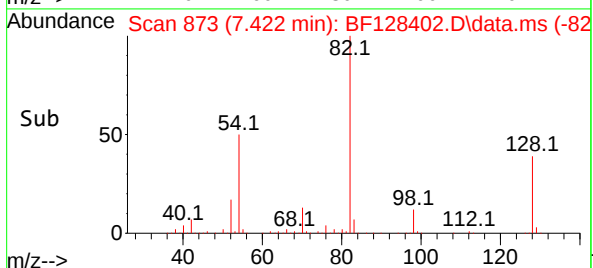
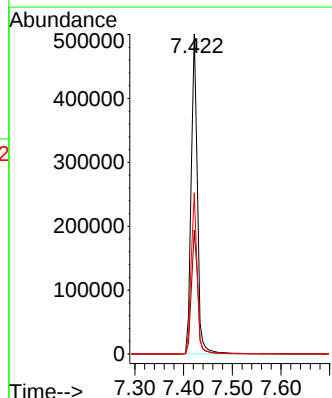
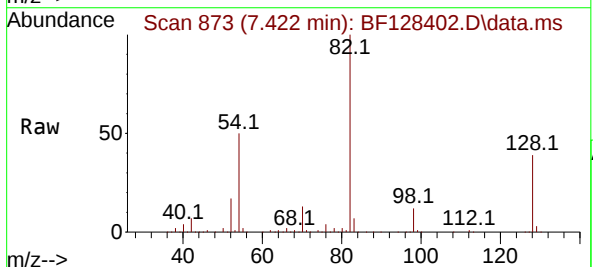
Instrument :
BNA_F
ClientSampleId :
P032-SS001-2430-01

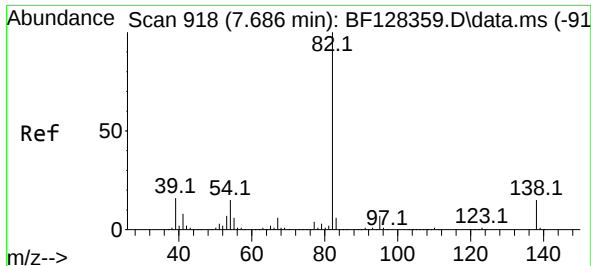
Tgt Ion:	136	Resp:	362807
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.2	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 54.758 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

Tgt Ion:	82	Resp:	443404
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.0	45.0
54	50.3	41.3	61.9

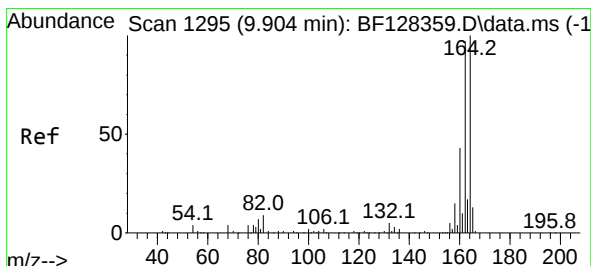
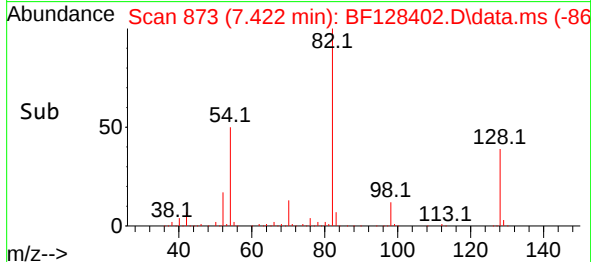
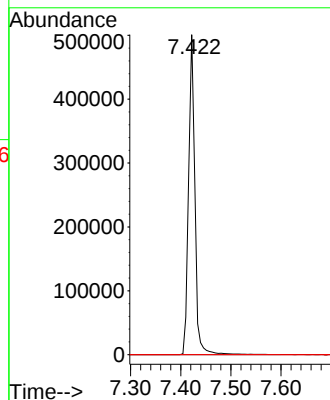
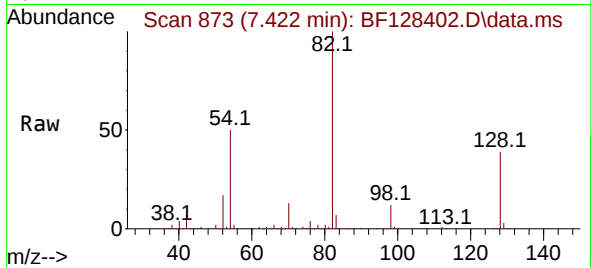




#25
Isophorone
Concen: 35.732 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

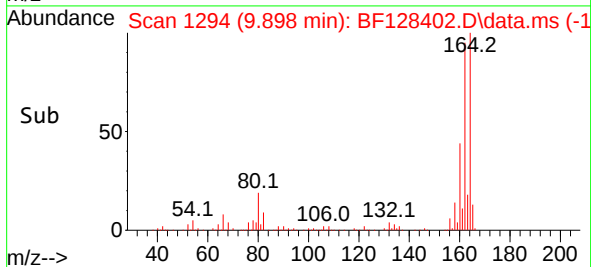
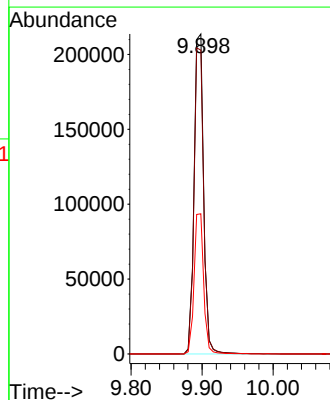
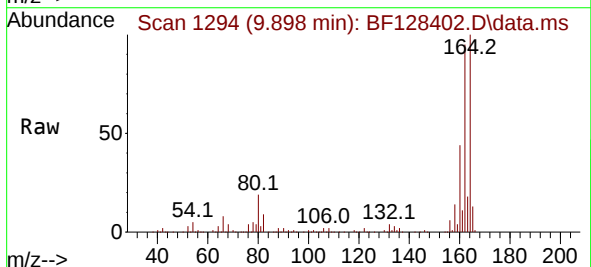
Instrument :
BNA_F
ClientSampleId :
P032-SS001-2430-01

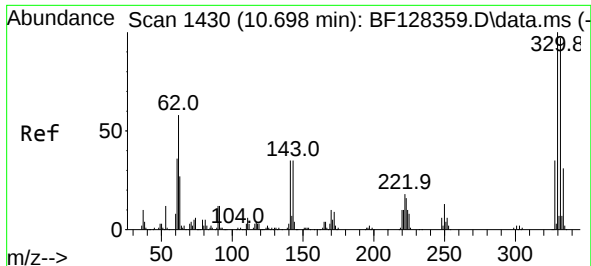
Tgt Ion: 82 Resp: 443401
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

Tgt Ion:164 Resp: 199872
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 82.494 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128402.D

Acq: 23 May 2022 16:04

Instrument :

BNA_F

ClientSampleId :

P032-SS001-2430-01

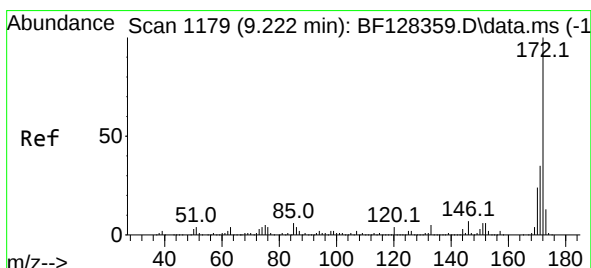
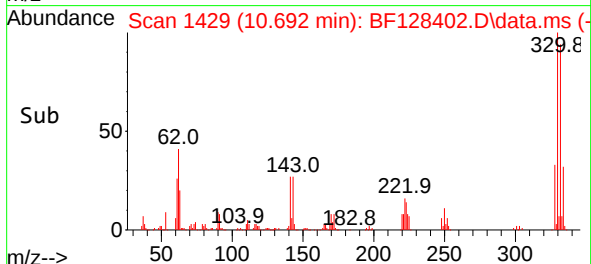
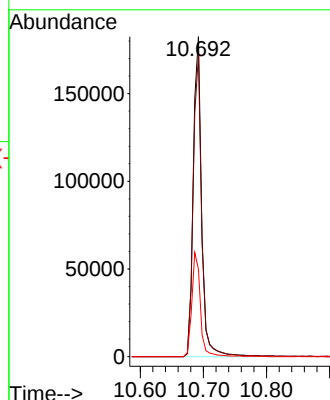
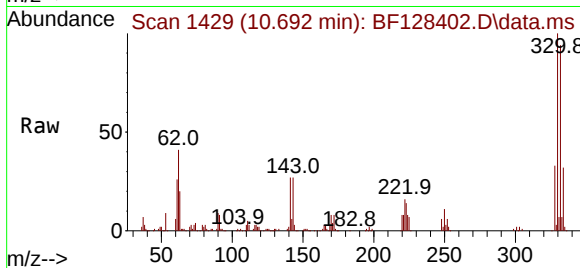
Tgt Ion:330 Resp: 170043

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.147 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF128402.D

Acq: 23 May 2022 16:04

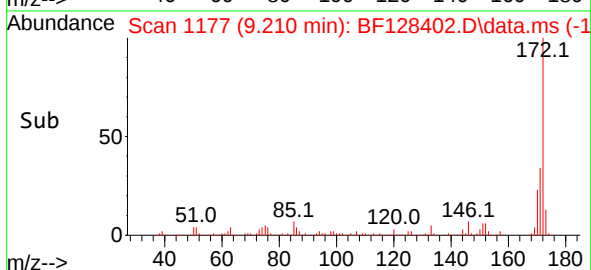
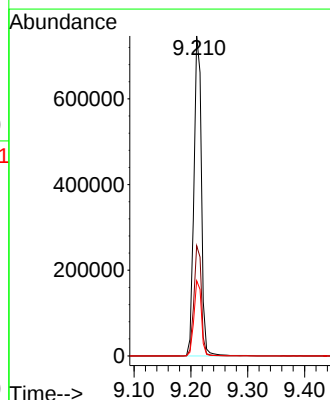
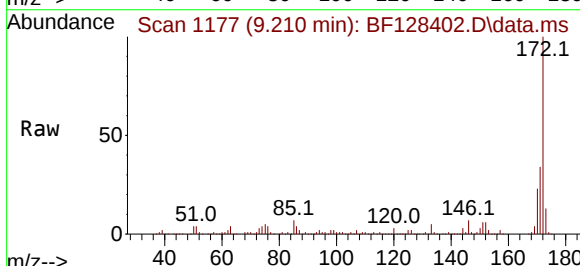
Tgt Ion:172 Resp: 686231

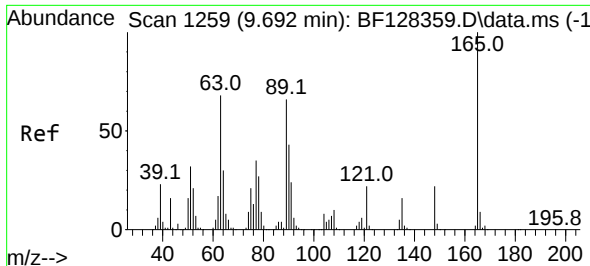
Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.5 19.1 28.7

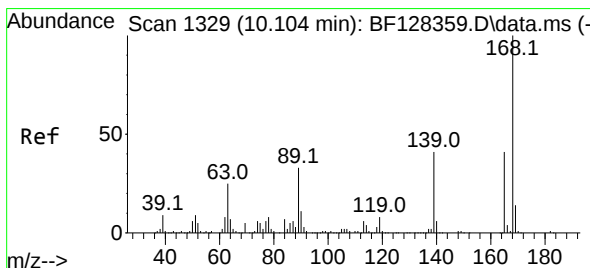
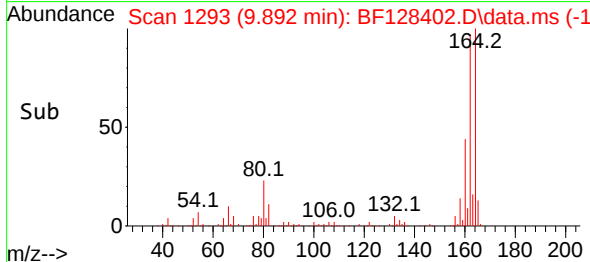
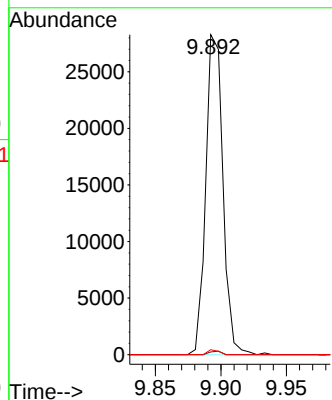
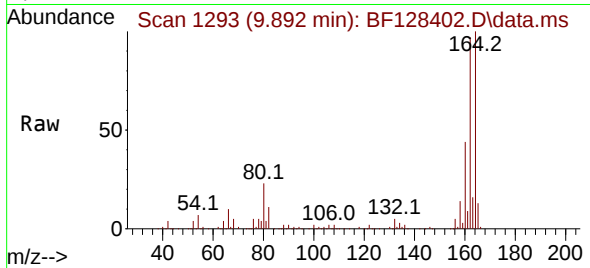




#51
2,6-Dinitrotoluene
Concen: 9.296 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

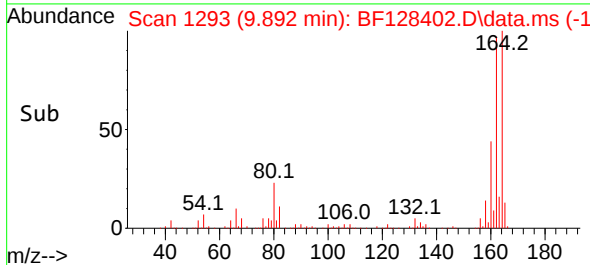
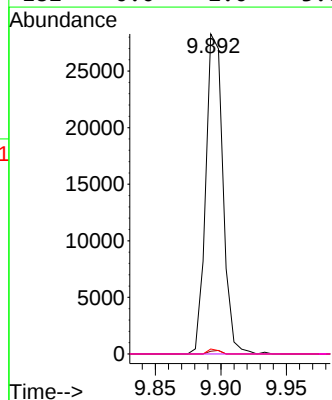
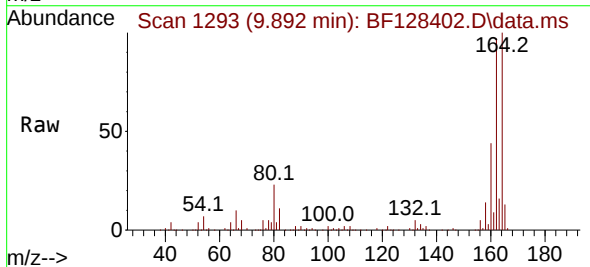
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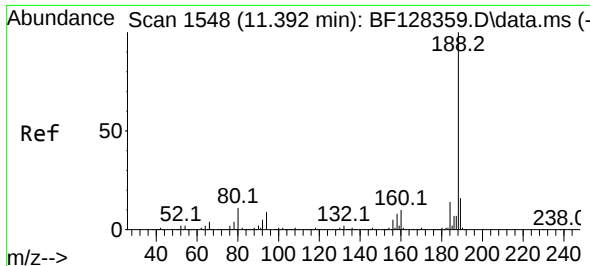
Tgt Ion:165 Resp: 25884
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.378 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

Tgt Ion:165 Resp: 25884
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

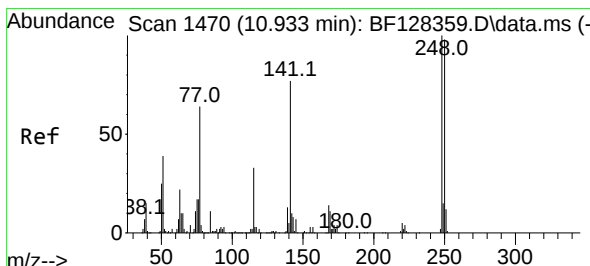
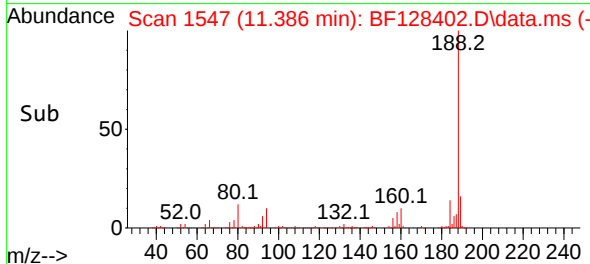
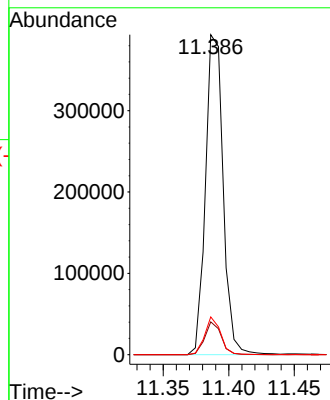
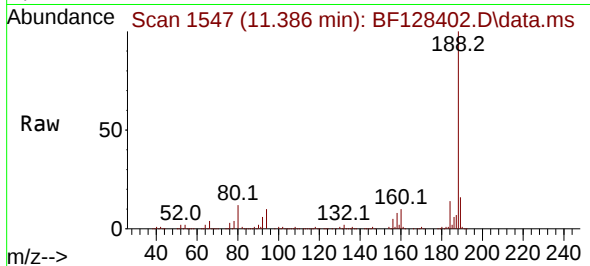




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

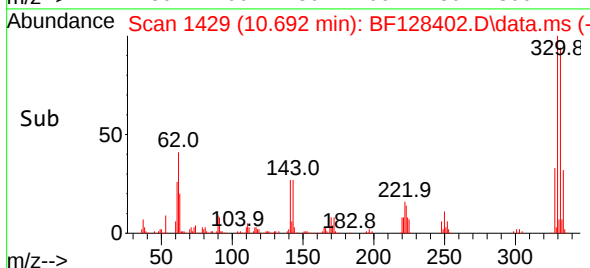
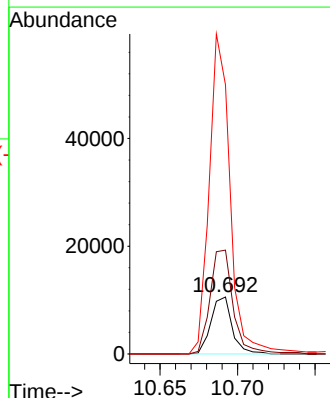
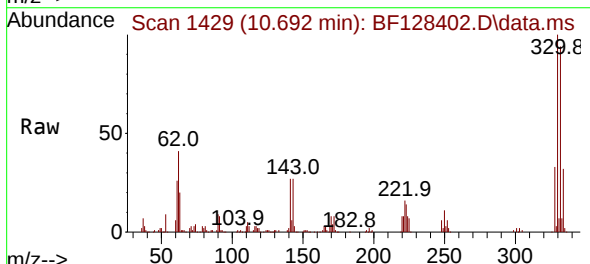
Instrument :
BNA_F
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P032-SS001-2430-01

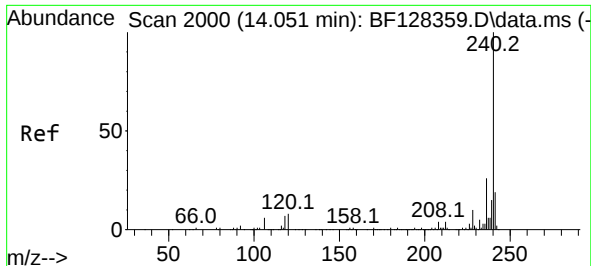
Tgt Ion:188 Resp: 370105
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.594 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

Tgt Ion:248 Resp: 10046
Ion Ratio Lower Upper
248 100
250 182.4 77.7 116.5#
141 472.5 65.6 98.4#

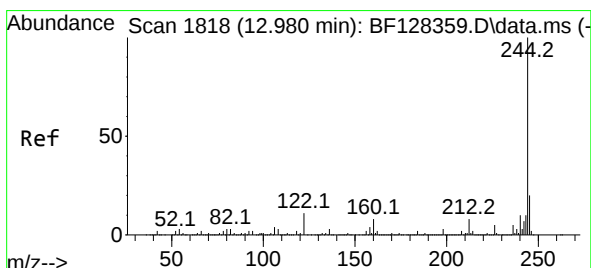
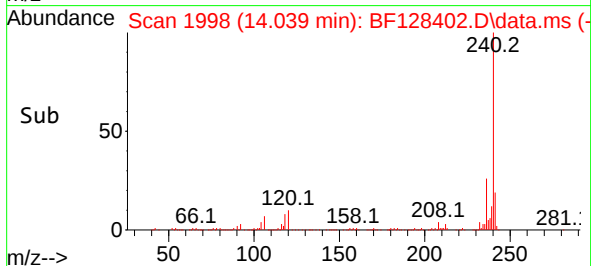
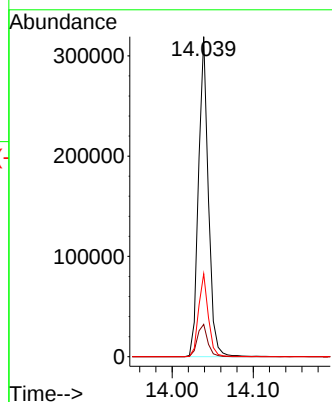
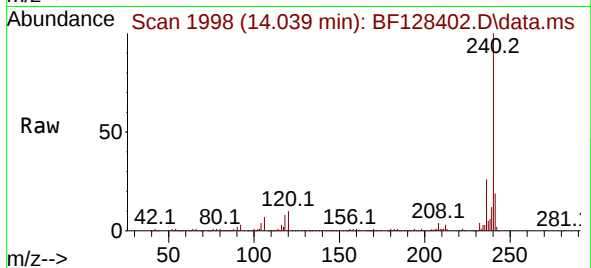




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

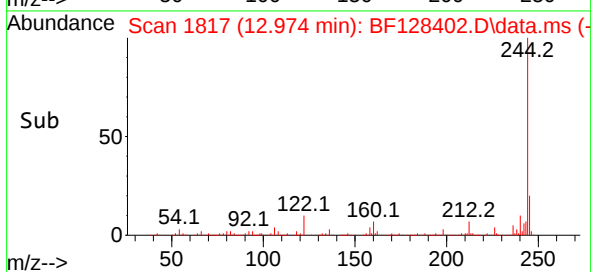
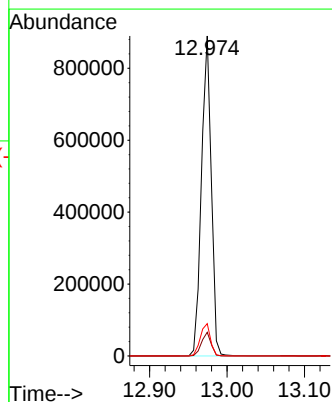
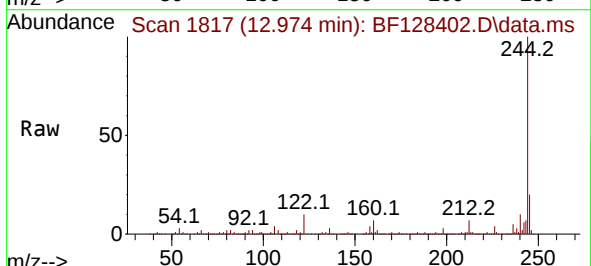
Instrument :
BNA_F
ClientSampleId :
P032-SS001-2430-01

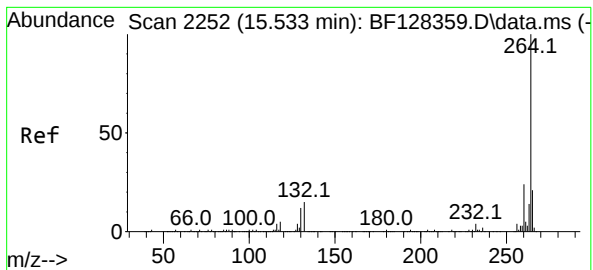
Tgt Ion:240 Resp: 270162
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 55.882 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

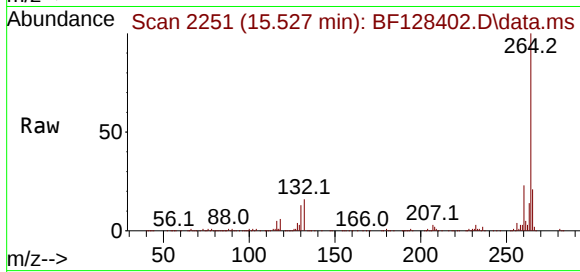
Tgt Ion:244 Resp: 782069
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 10.1 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128402.D
Acq: 23 May 2022 16:04

Instrument :
BNA_F
ClientSampleId :
P032-SS001-2430-01



Tgt Ion:264 Resp: 207629

Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.1	30.1
265	21.5	17.5	26.3

