

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127392.D
 Acq On : 18 Mar 2022 15:22
 Operator : CG\JU
 Sample : N1949-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUP

Quant Time: Mar 19 01:51:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

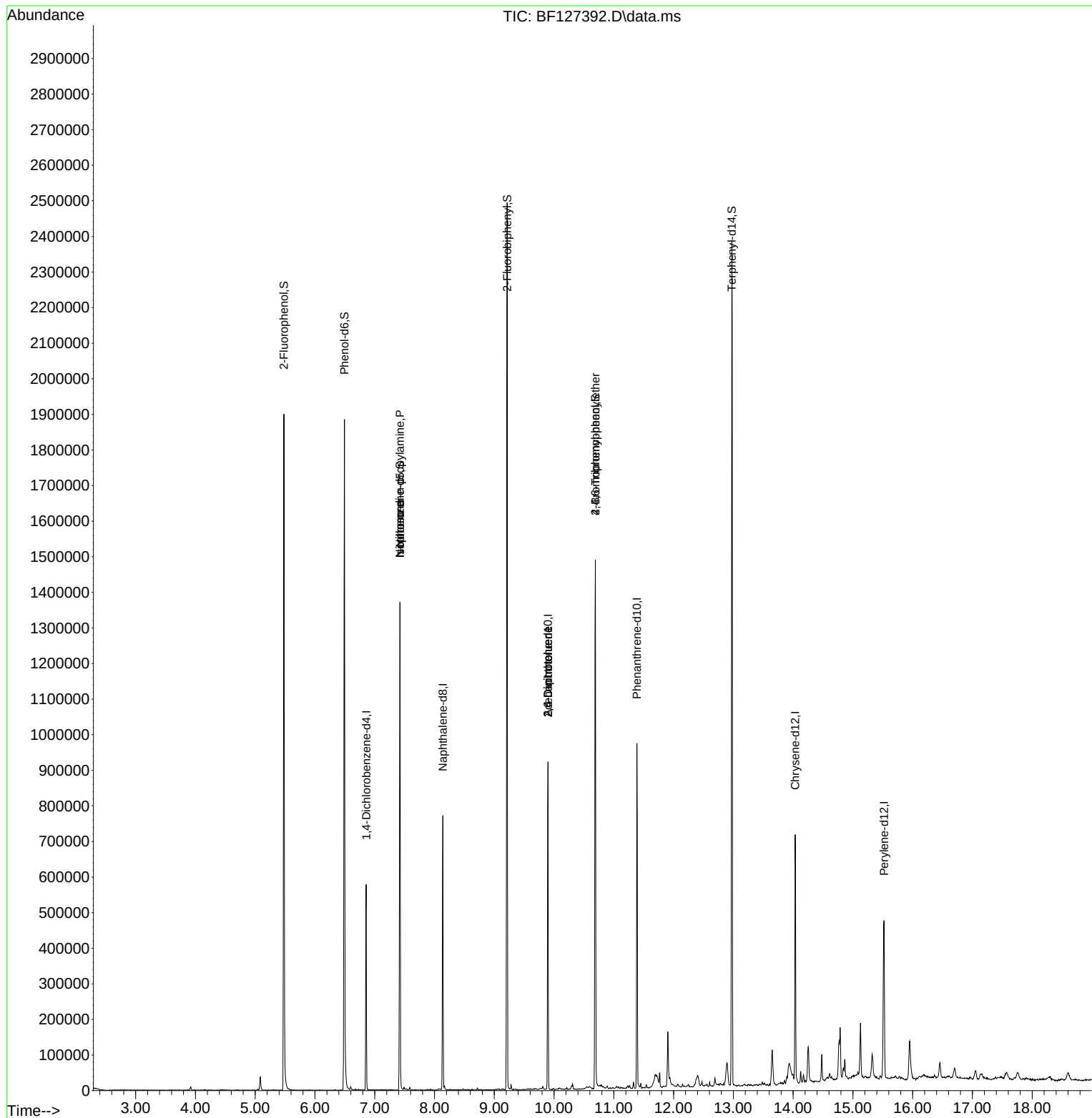
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	77353	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	292202	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	178432	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	332084	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	238162	20.000	ng	#-0.01
86) Perylene-d12	15.522	264	188248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	425071	88.339	ng	0.00
7) Phenol-d6	6.493	99	583632	88.170	ng	0.00
23) Nitrobenzene-d5	7.422	82	405817	57.356	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	169547	88.269	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	719734	57.028	ng	0.00
79) Terphenyl-d14	12.975	244	882893	63.835	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.493	77	929	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	55494	13.434	ng	# 85
25) Isophorone	7.422	82	405812	35.669	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	22850	8.835	ng	# 22
57) 2,4-Dinitrotoluene	9.898	165	22850	6.715	ng	# 16
67) 4-Bromophenyl-phenylether	10.692	248	11615	2.901	ng	# 1

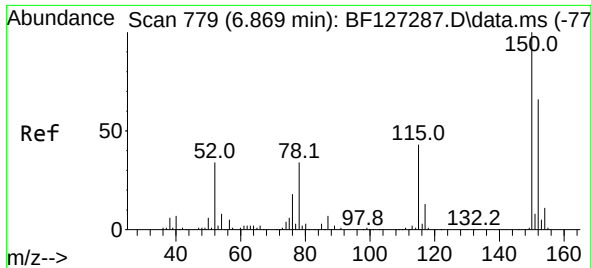
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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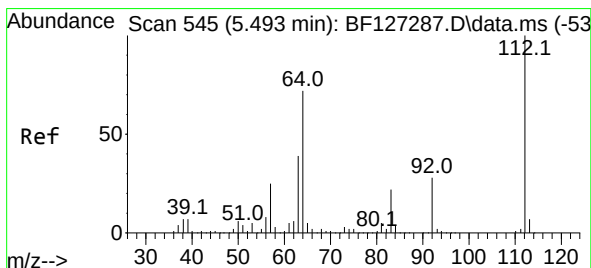
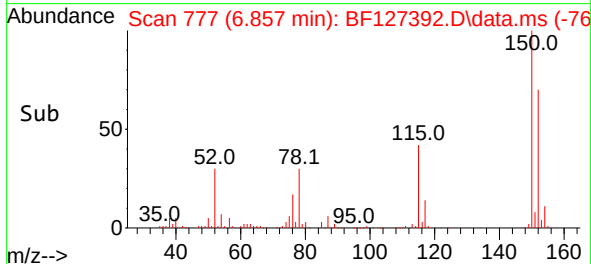
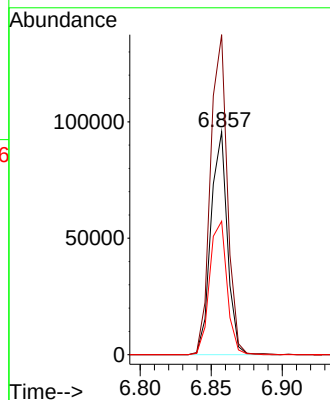
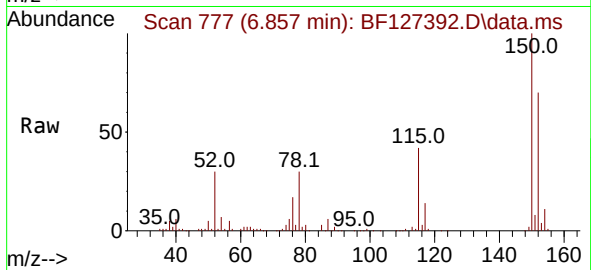




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

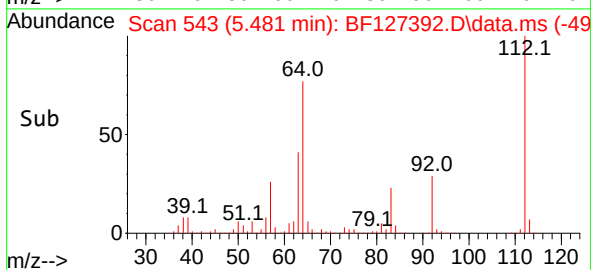
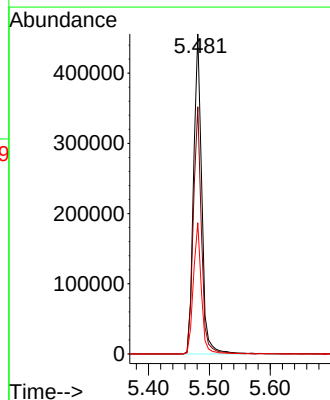
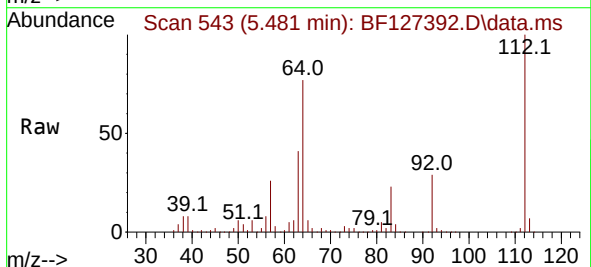
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUP

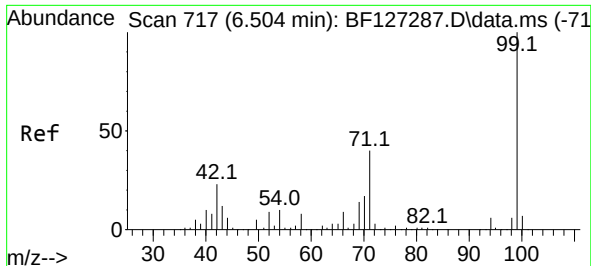
Tgt Ion:152 Resp: 77353
Ion Ratio Lower Upper
152 100
150 143.6 128.1 192.1
115 59.9 56.7 85.1



#5
2-Fluorophenol
Concen: 88.339 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion:112 Resp: 425071
Ion Ratio Lower Upper
112 100
64 77.2 49.5 74.3#
63 41.0 23.9 35.9#

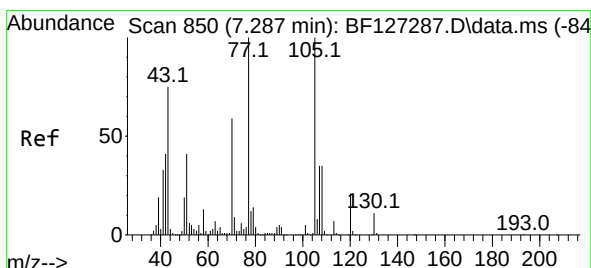
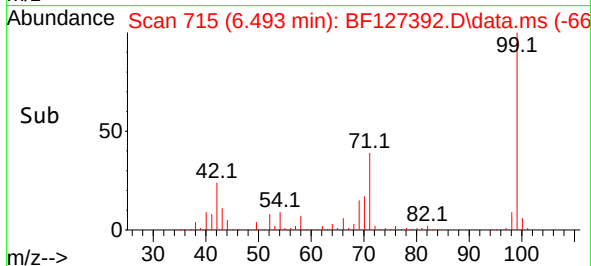
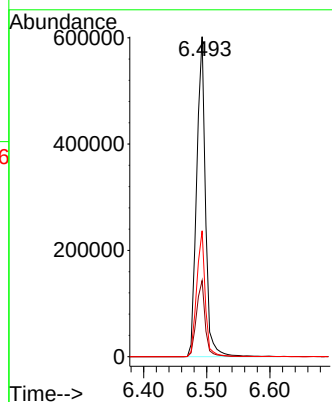
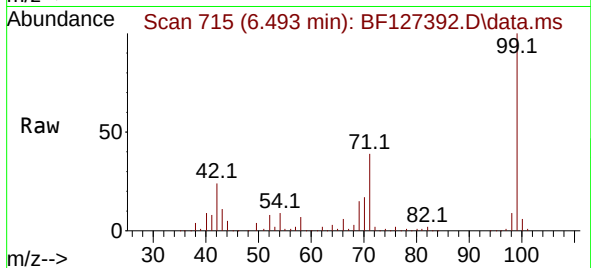




#7
Phenol-d6
Concen: 88.170 ng
RT: 6.493 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

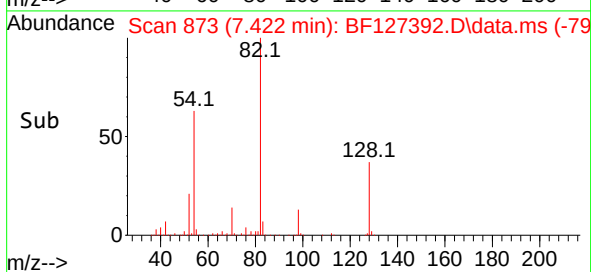
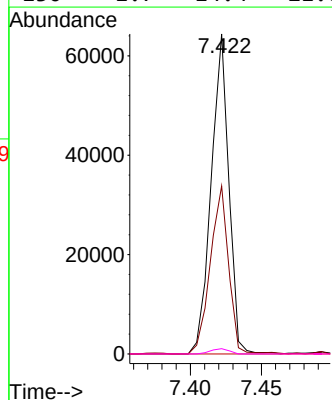
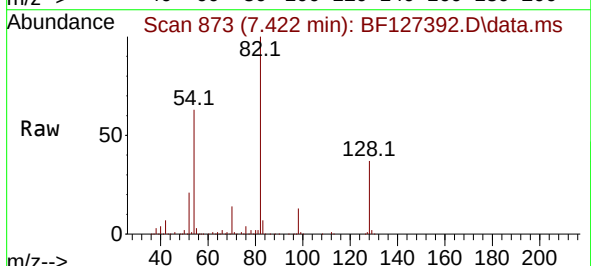
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUP

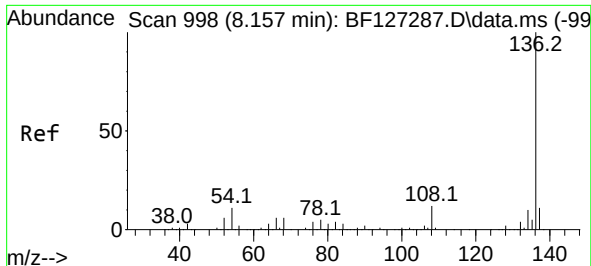
Tgt Ion: 99 Resp: 583632
Ion Ratio Lower Upper
99 100
42 23.8 14.2 21.4#
71 39.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.434 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion: 70 Resp: 55494
Ion Ratio Lower Upper
70 100
42 52.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

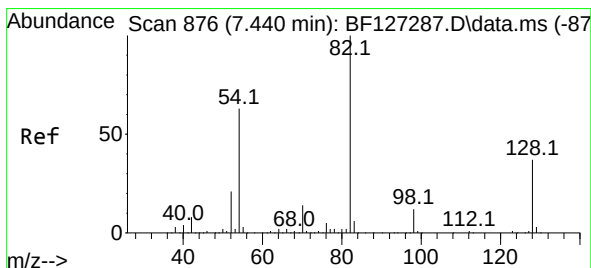
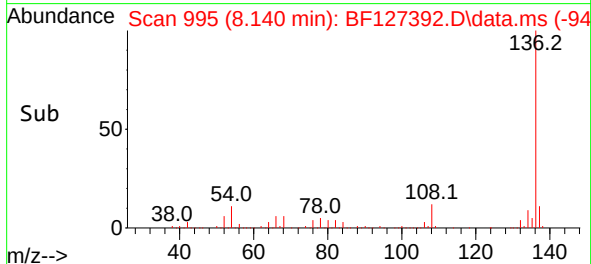
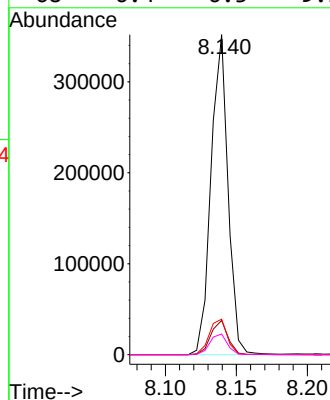
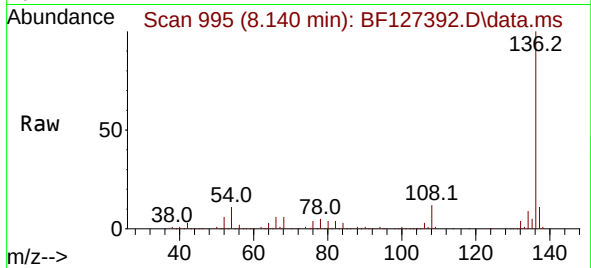




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

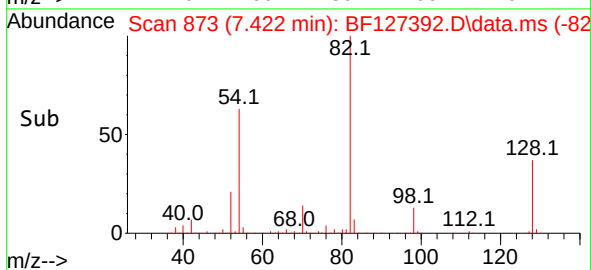
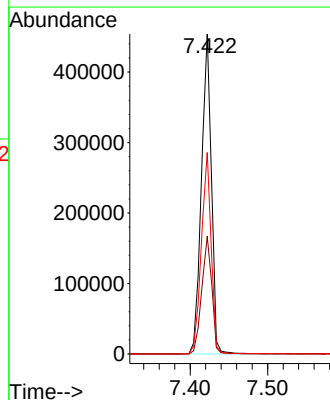
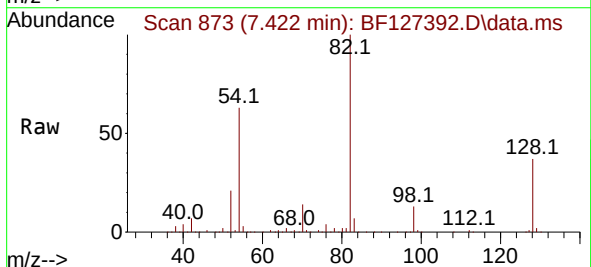
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUP

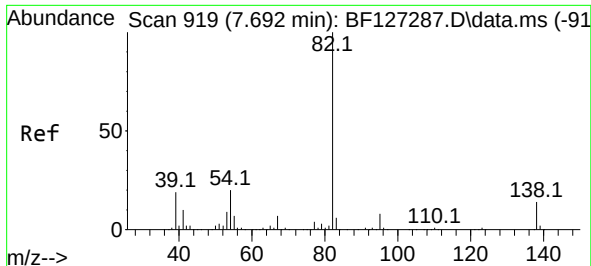
Tgt Ion:136	Resp: 292202
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 11.1	7.8 11.6
68 6.4	6.3 9.5



#23
Nitrobenzene-d5
Concen: 57.356 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion: 82	Resp: 405817
Ion Ratio	Lower Upper
82 100	
128 36.8	32.7 49.1
54 62.9	41.7 62.5#

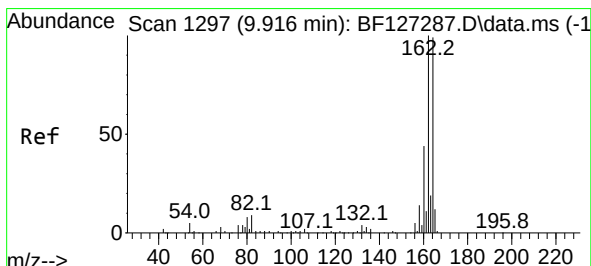
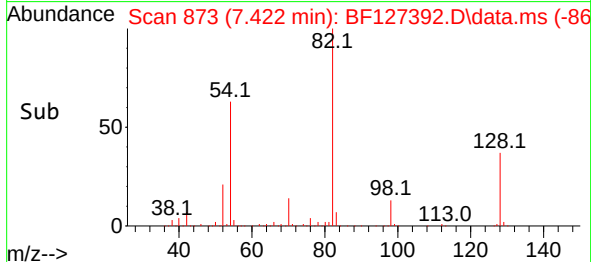
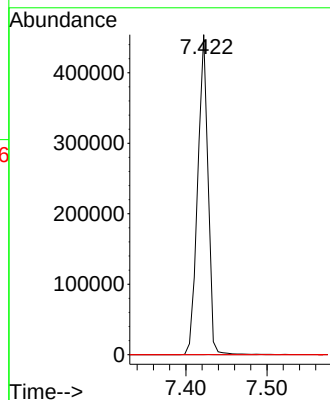
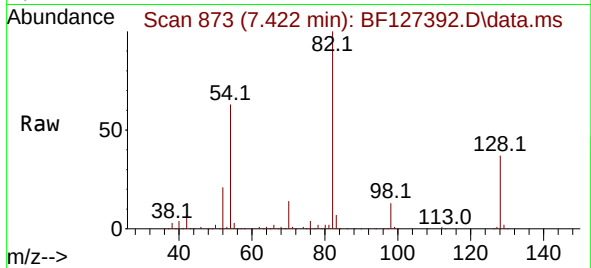




#25
Isophorone
Concen: 35.669 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

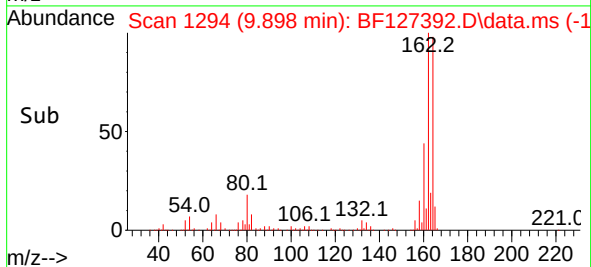
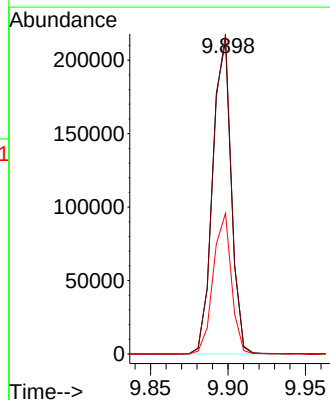
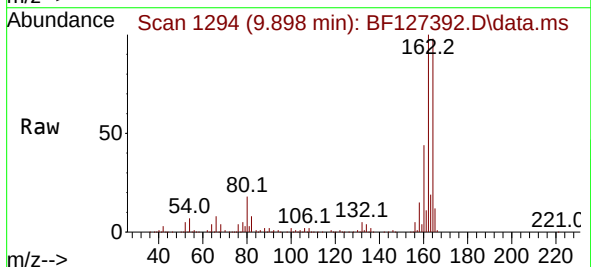
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUP

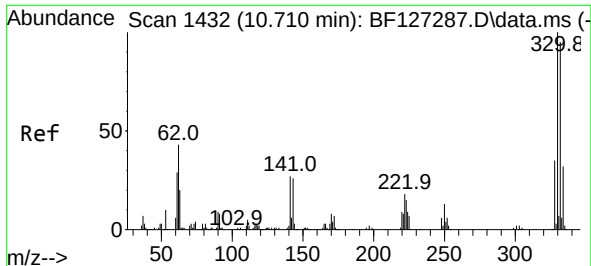
Tgt Ion: 82 Resp: 405812
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion:164 Resp: 178432
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 88.269 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127392.D

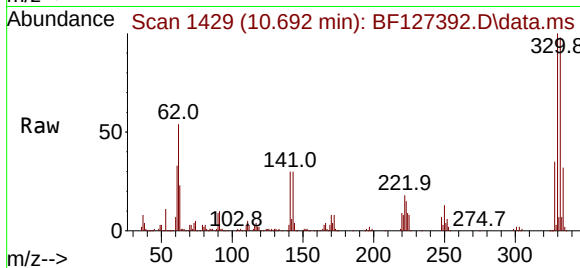
Acq: 18 Mar 2022 15:22

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUP



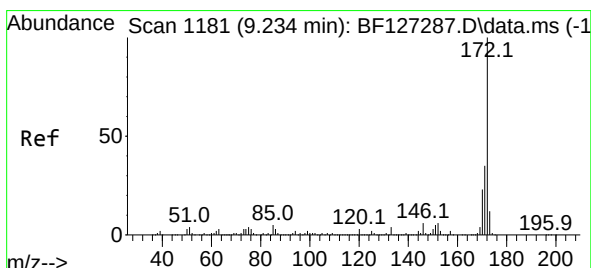
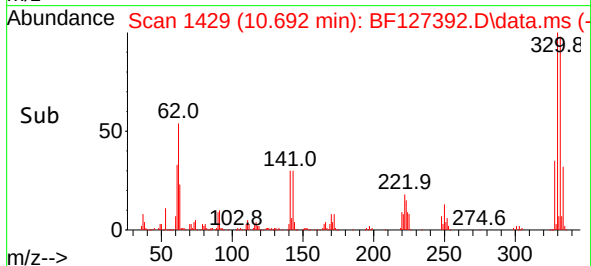
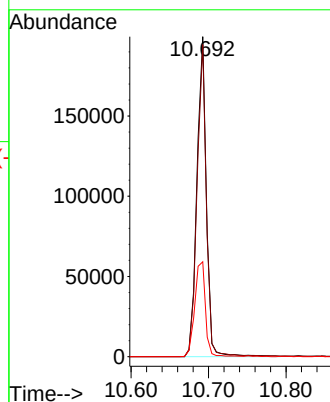
Tgt Ion:330 Resp: 169547

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 33.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.028 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127392.D

Acq: 18 Mar 2022 15:22

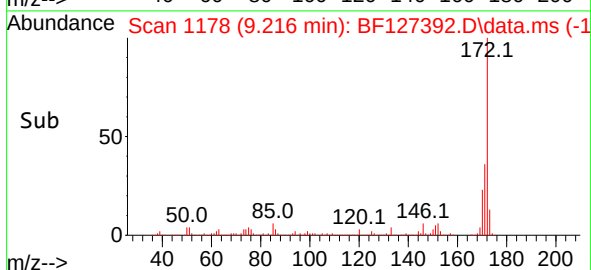
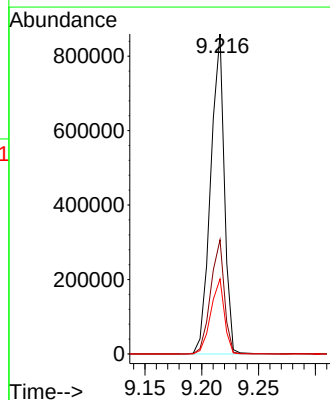
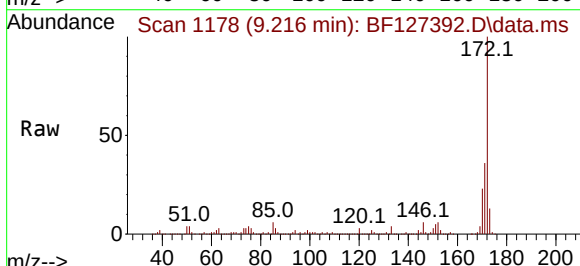
Tgt Ion:172 Resp: 719734

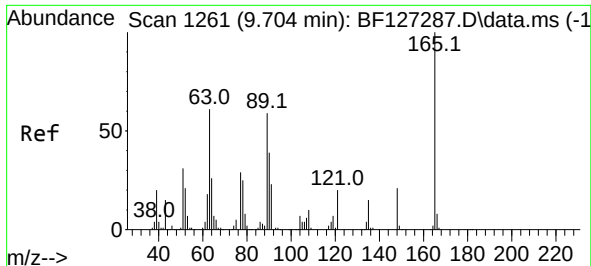
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.4 19.0 28.6

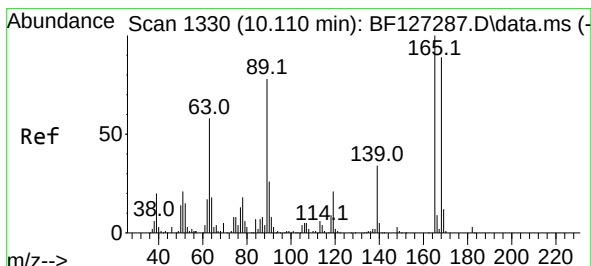
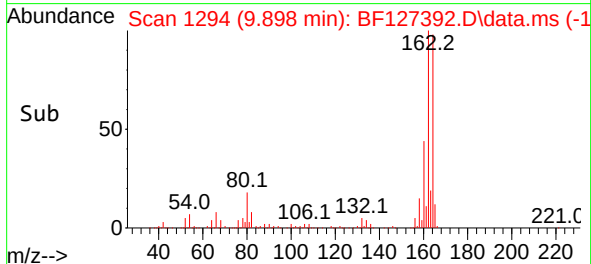
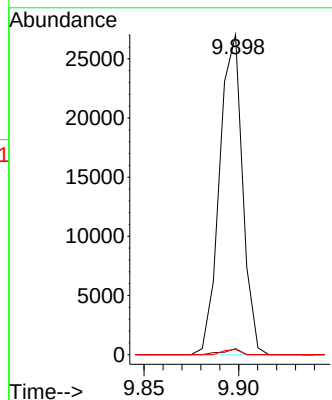
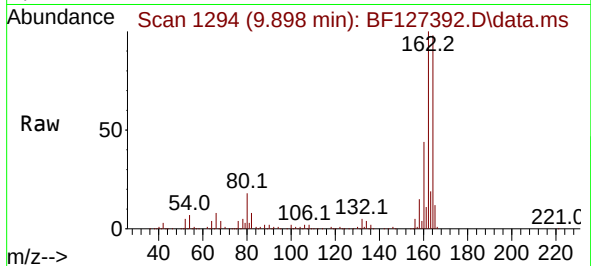




#51
2,6-Dinitrotoluene
Concen: 8.835 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

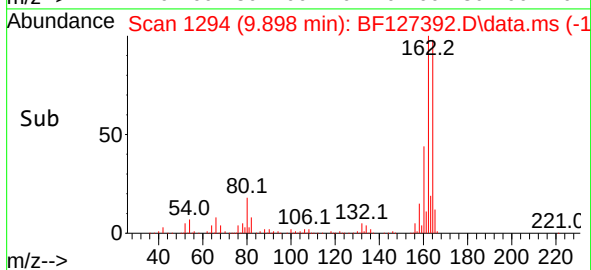
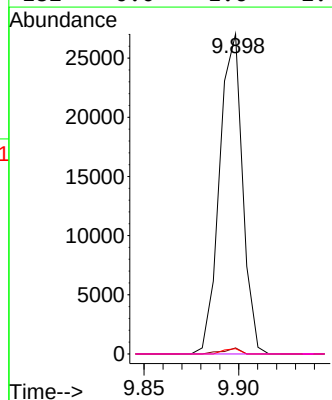
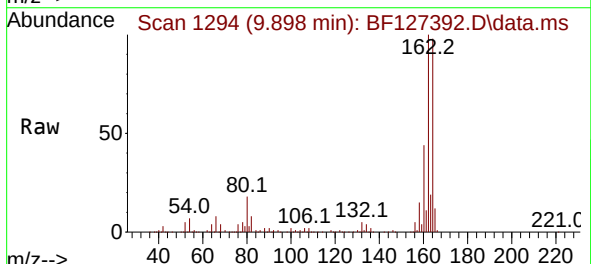
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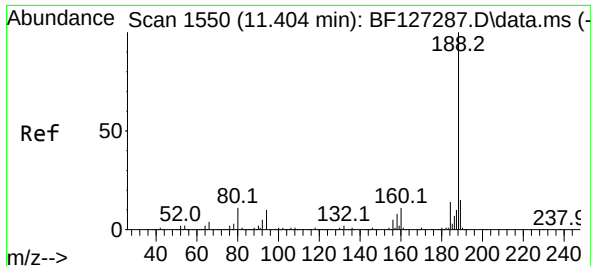
Tgt Ion:165 Resp: 22850
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion:165 Resp: 22850
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#

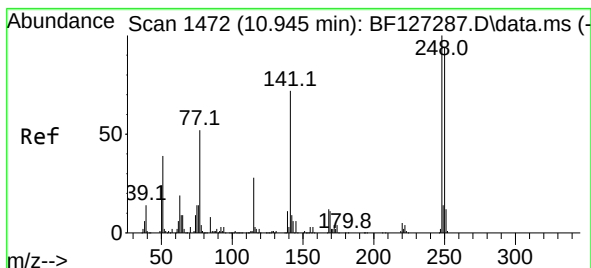
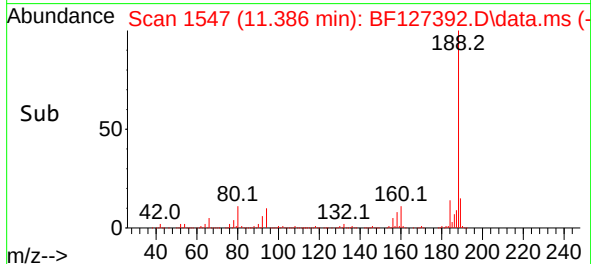
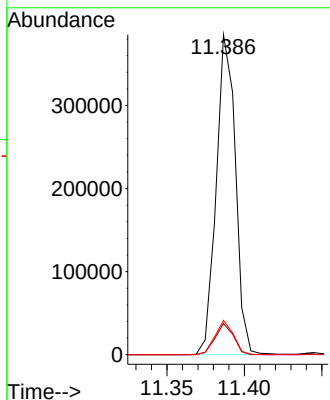
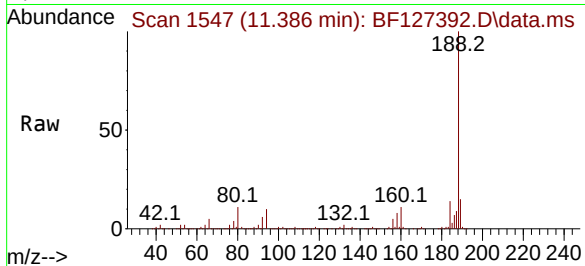




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

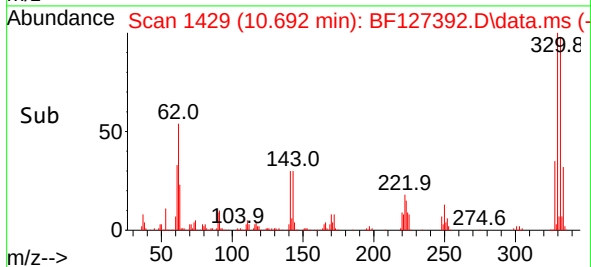
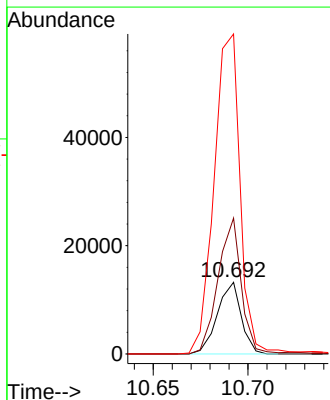
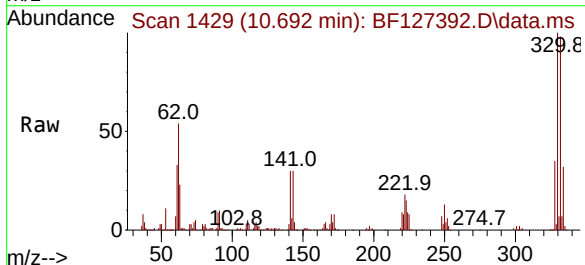
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUP

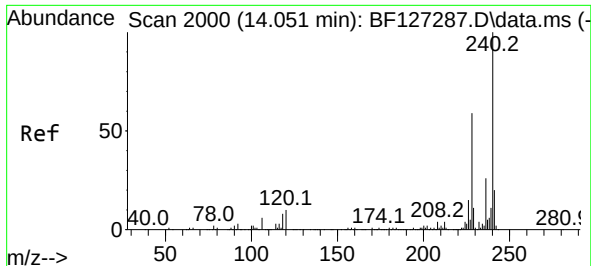
Tgt Ion:188 Resp: 332084
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.7 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.901 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion:248 Resp: 11615
Ion Ratio Lower Upper
248 100
250 189.5 76.2 114.4#
141 446.5 66.2 99.4#

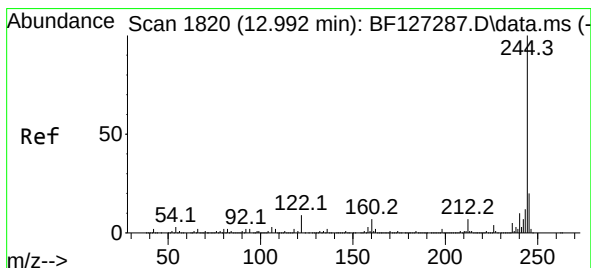
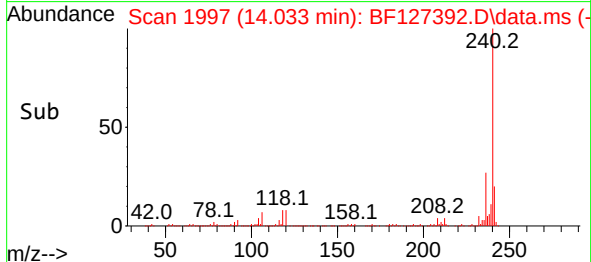
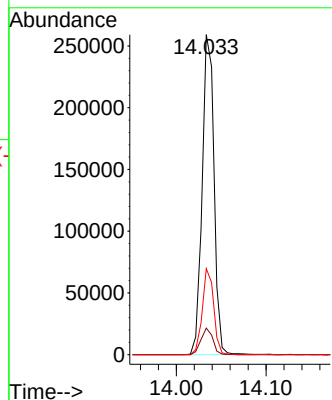
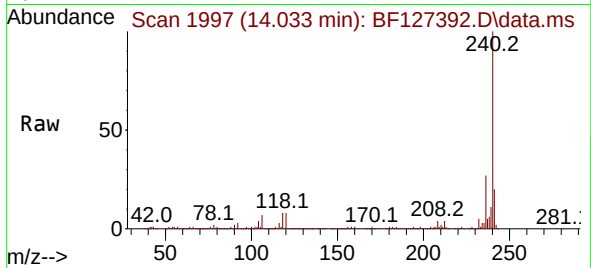




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1817
Delta R.T. -0.012 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

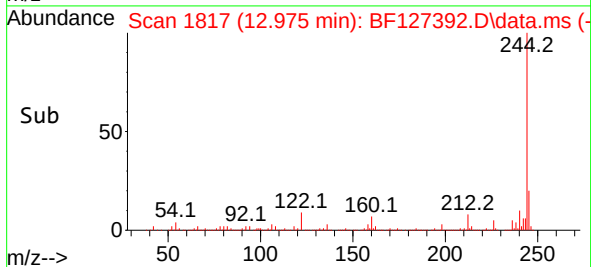
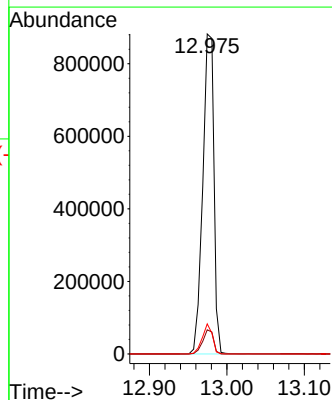
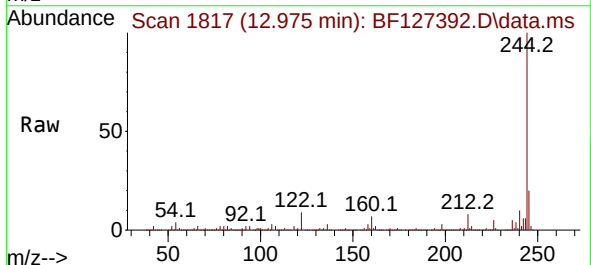
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BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUP

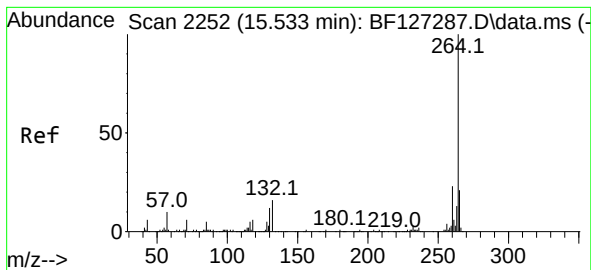
Tgt Ion:240 Resp: 238162
Ion Ratio Lower Upper
240 100
120 8.3 14.4 21.6#
236 26.9 20.5 30.7



#79
Terphenyl-d14
Concen: 63.835 ng
RT: 12.975 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF127392.D
Acq: 18 Mar 2022 15:22

Tgt Ion:244 Resp: 882893
Ion Ratio Lower Upper
244 100
212 7.6 5.0 7.4#
122 9.4 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.522 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127392.D

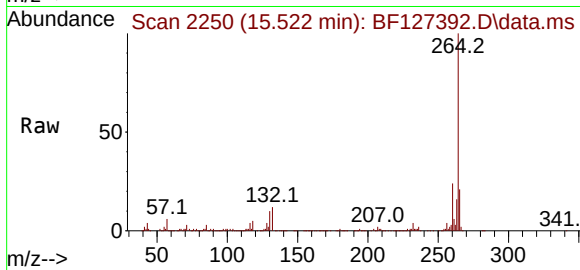
Acq: 18 Mar 2022 15:22

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUP



Tgt Ion:264 Resp: 188248

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.8 17.4 26.2

