

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127340.D
 Acq On : 15 Mar 2022 23:06
 Operator : CG\JU
 Sample : N1948-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Mar 16 05:31:36 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)

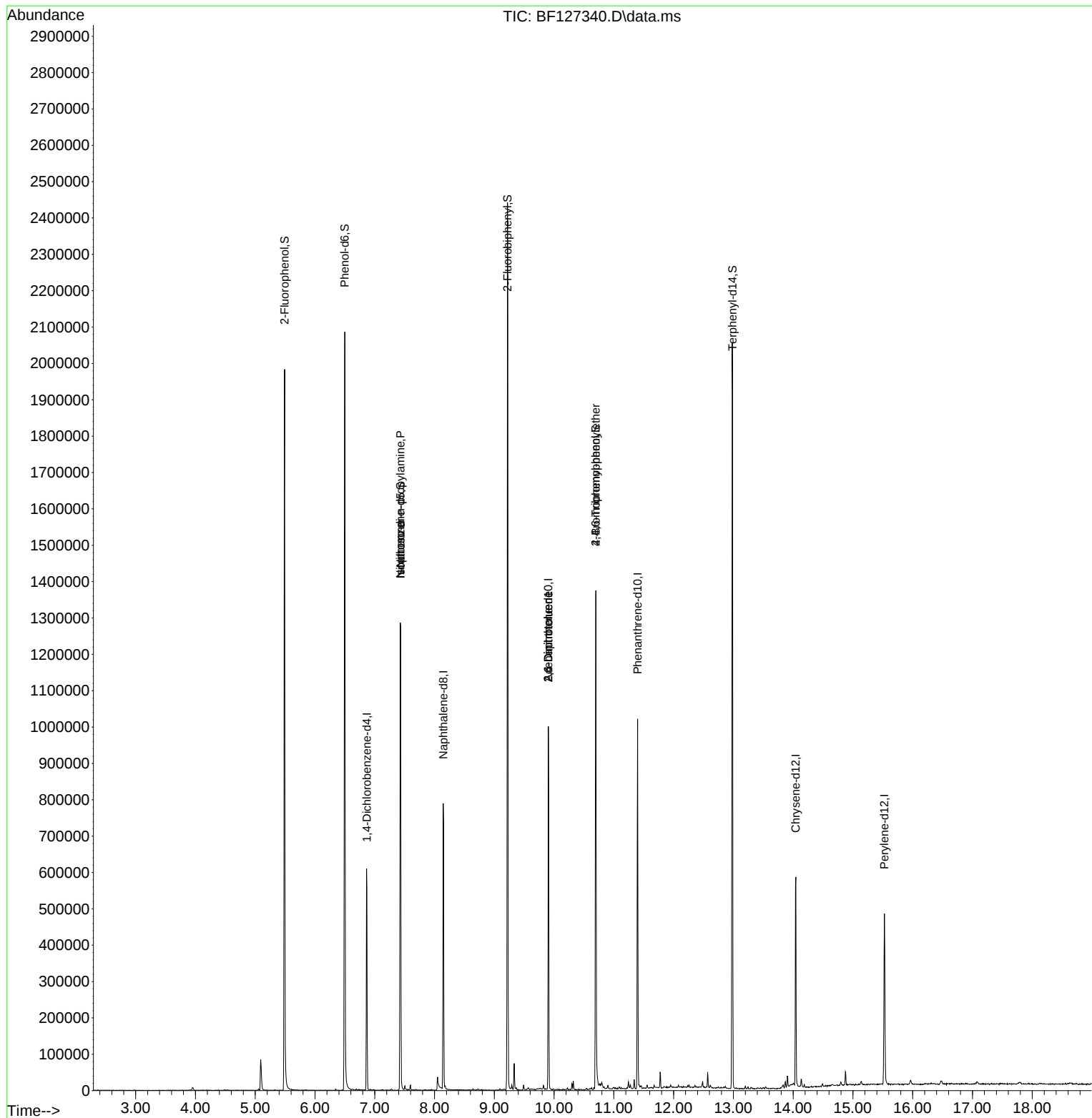
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	87334	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	331810	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	194556	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	339542	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	203117	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	208662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	456590	84.045	ng	0.00
7) Phenol-d6	6.498	99	626999	83.896	ng	0.00
23) Nitrobenzene-d5	7.428	82	428530	53.336	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	147958	70.645	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	763079	55.451	ng	-0.01
79) Terphenyl-d14	12.986	244	749312	63.524	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1176	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	58087	12.455	ng	# 86
25) Isophorone	7.428	82	428530	33.170	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	25027	8.875	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	25027	6.745	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	9668	2.362	ng	# 1

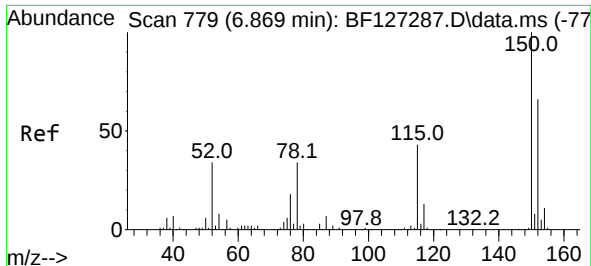
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
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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

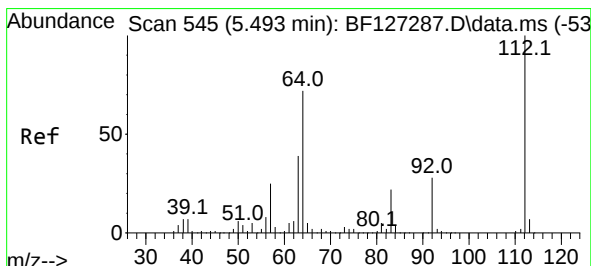
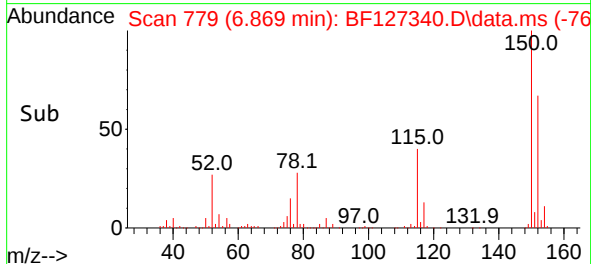
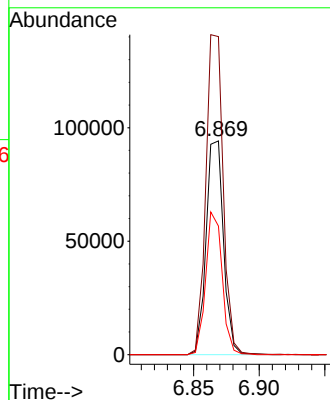
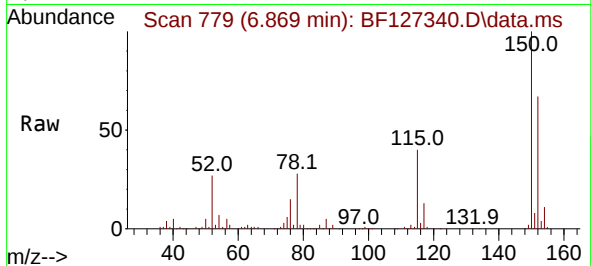




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

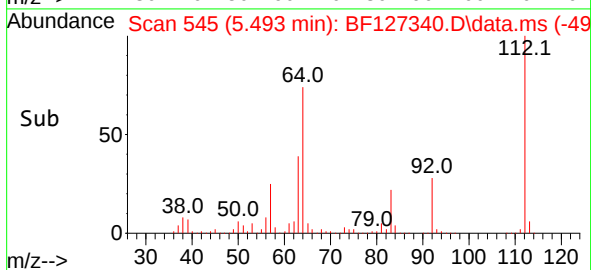
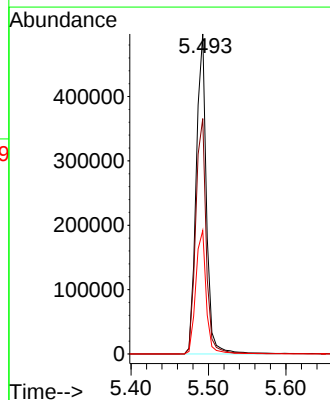
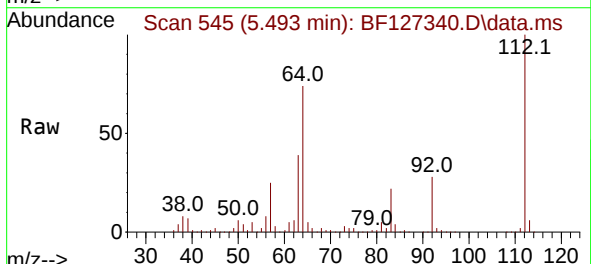
Instrument :
BNA_F
ClientSampleId :
COMP-4

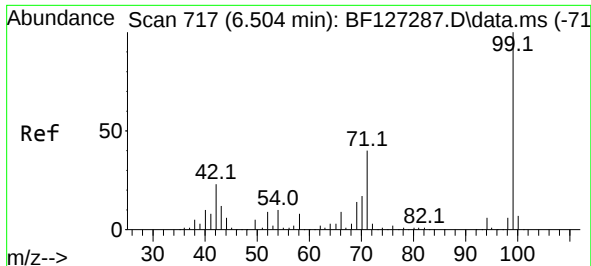
Tgt Ion:152 Resp: 87334
Ion Ratio Lower Upper
152 100
150 148.8 128.1 192.1
115 60.2 56.7 85.1



#5
2-Fluorophenol
Concen: 84.045 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

Tgt Ion:112 Resp: 456590
Ion Ratio Lower Upper
112 100
64 73.5 49.5 74.3
63 38.6 23.9 35.9#

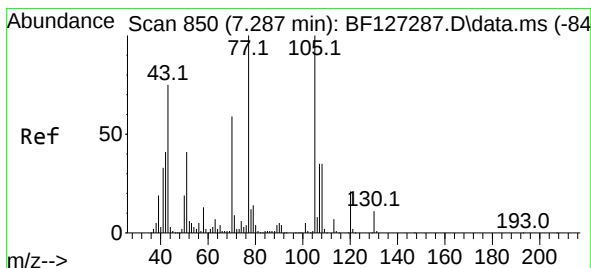
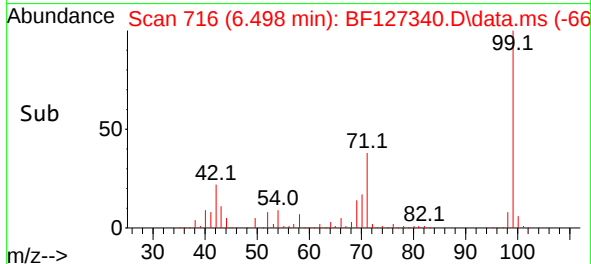
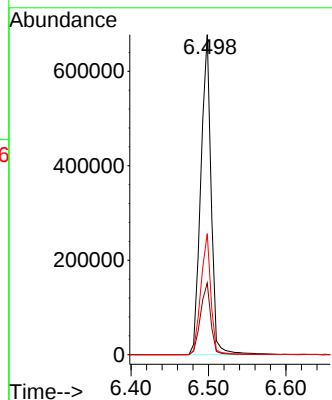
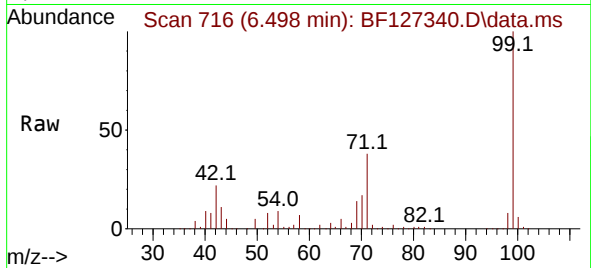




#7
Phenol-d6
Concen: 83.896 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

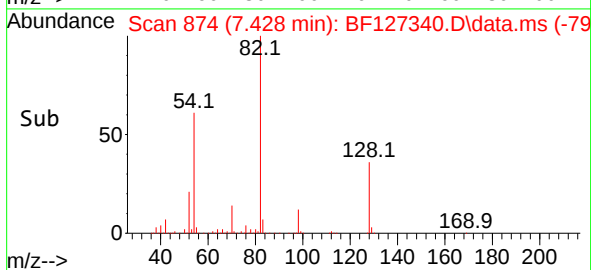
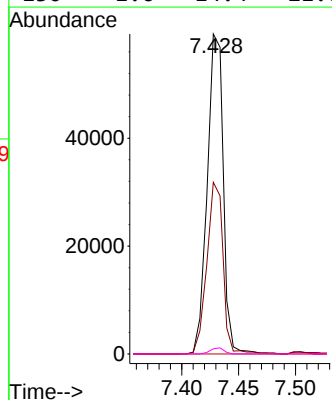
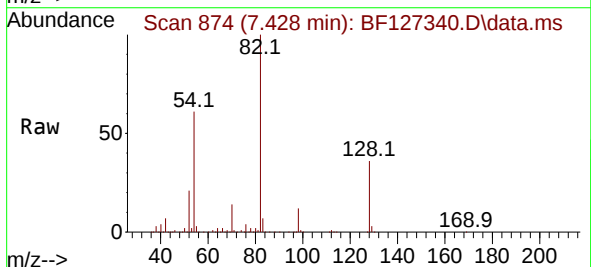
Instrument :
BNA_F
ClientSampleId :
COMP-4

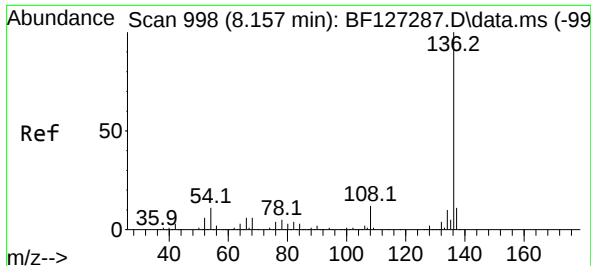
Tgt Ion: 99 Resp: 626999
Ion Ratio Lower Upper
99 100
42 22.4 14.2 21.4#
71 37.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.455 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

Tgt Ion: 70 Resp: 58087
Ion Ratio Lower Upper
70 100
42 53.6 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

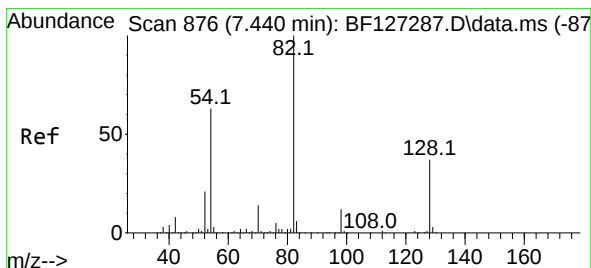
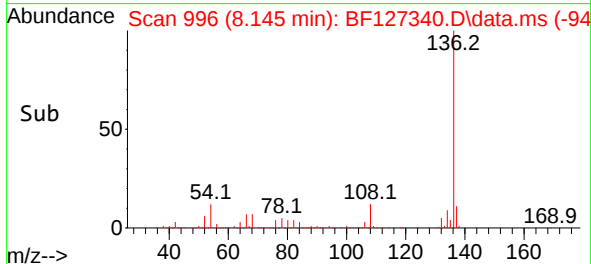
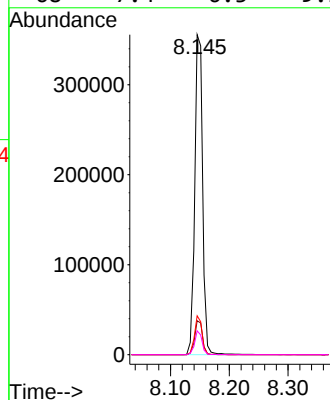
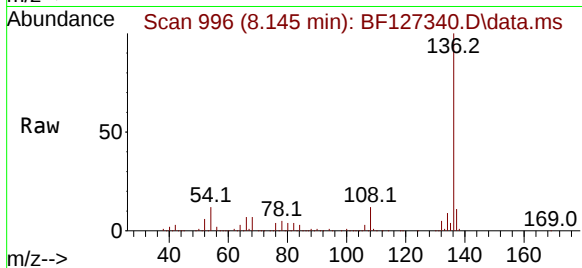




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

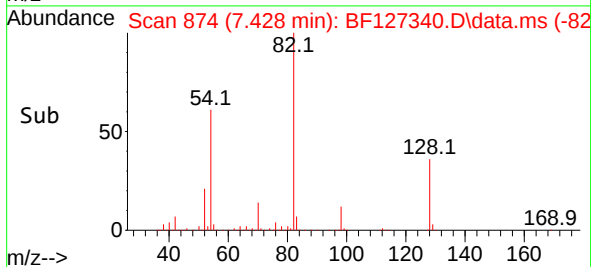
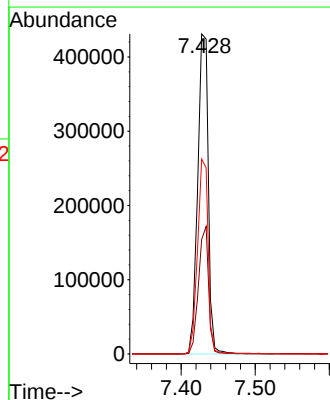
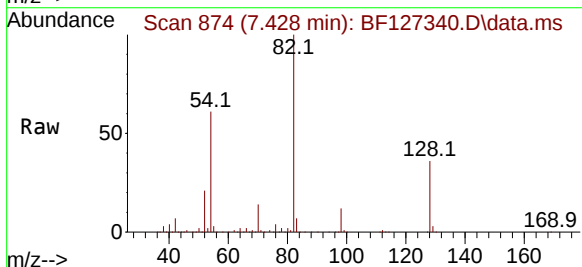
Instrument :
BNA_F
ClientSampleId :
COMP-4

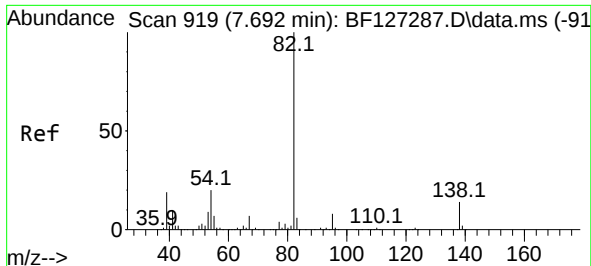
Tgt Ion:136 Resp: 331810
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 12.2 7.8 11.6#
68 7.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 53.336 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

Tgt Ion: 82 Resp: 428530
Ion Ratio Lower Upper
82 100
128 35.8 32.7 49.1
54 60.9 41.7 62.5

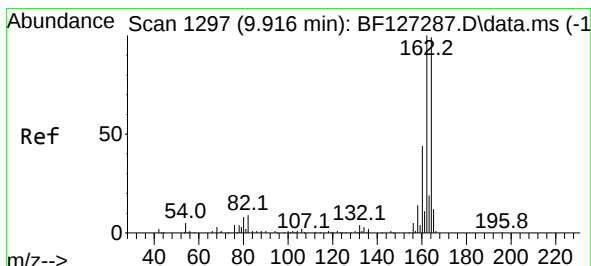
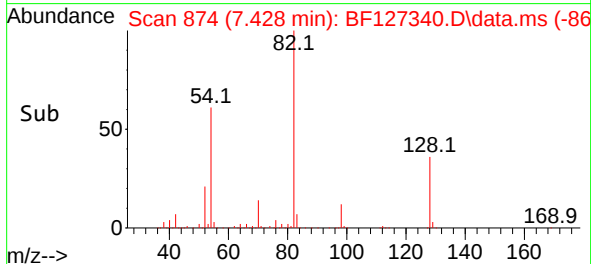
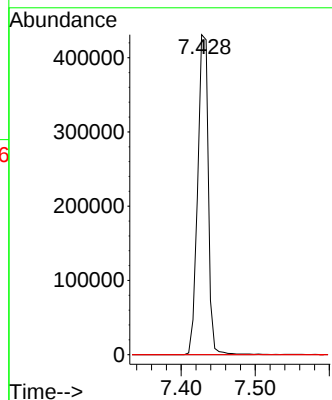
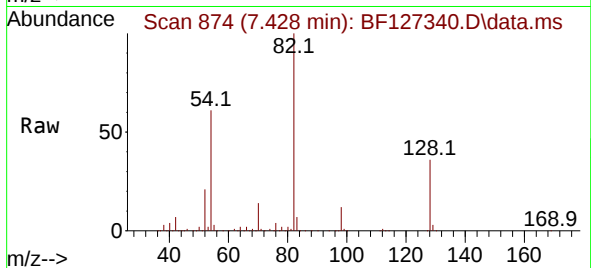




#25
Isophorone
Concen: 33.170 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

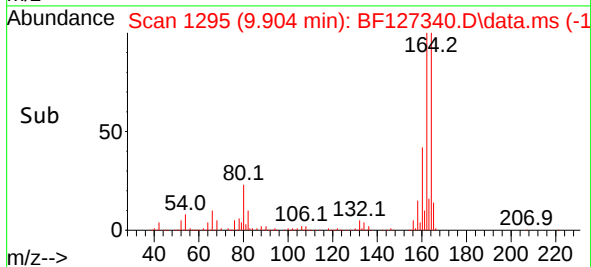
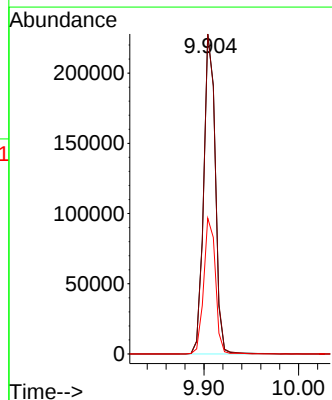
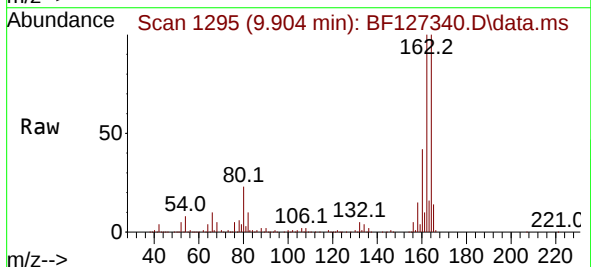
Instrument :
BNA_F
ClientSampleId :
COMP-4

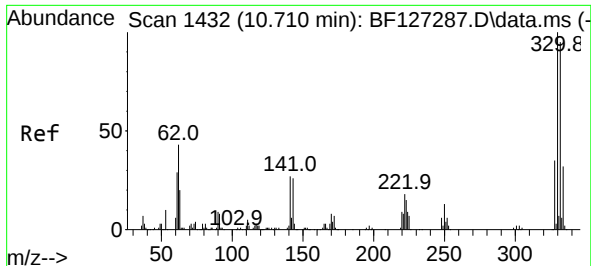
Tgt Ion: 82 Resp: 428530
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

Tgt Ion: 164 Resp: 194556
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 42.4 36.6 54.8

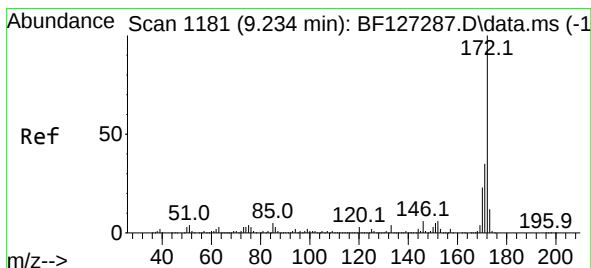
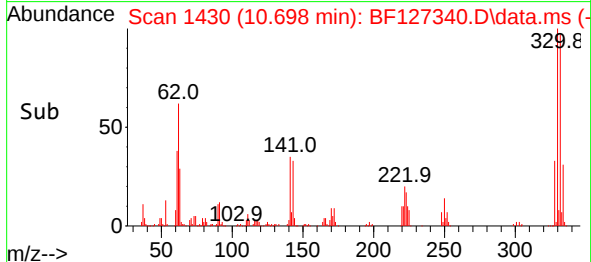
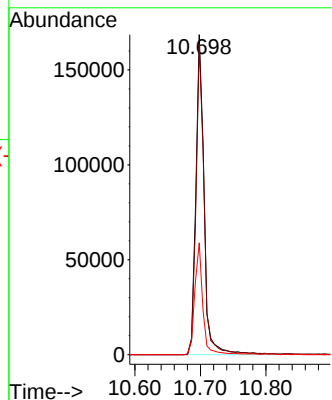
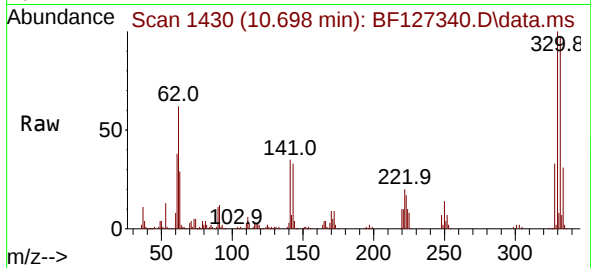




#42
2,4,6-Tribromophenol
Concen: 70.645 ng
RT: 10.698 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

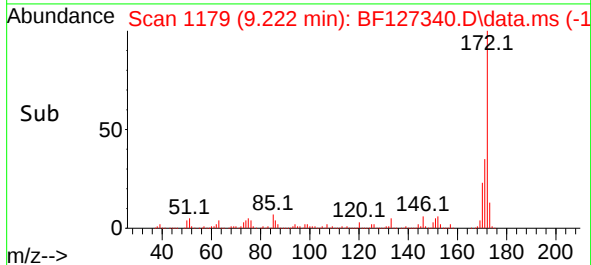
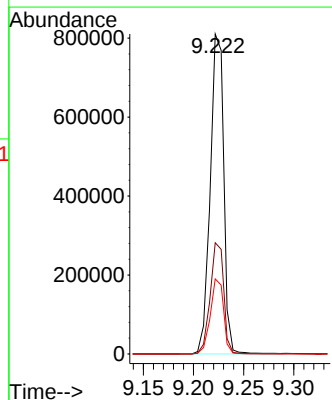
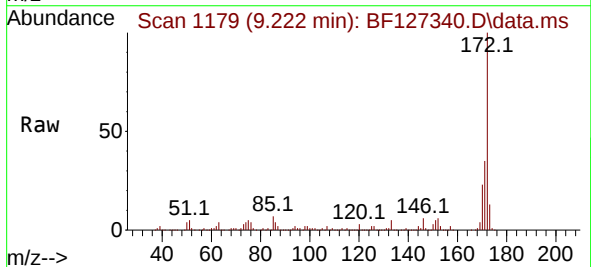
Instrument :
BNA_F
ClientSampleId :
COMP-4

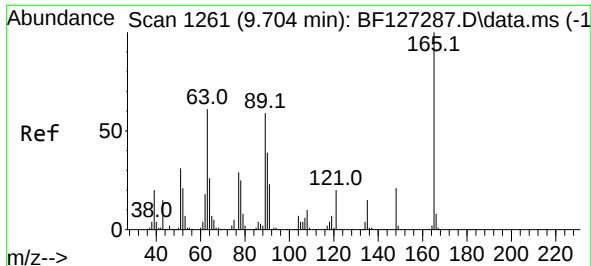
Tgt Ion:330 Resp: 147958
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 34.3 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 55.451 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

Tgt Ion:172 Resp: 763079
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.875 ng

RT: 9.904 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF127340.D

Acq: 15 Mar 2022 23:06

Instrument :

BNA_F

ClientSampleId :

COMP-4

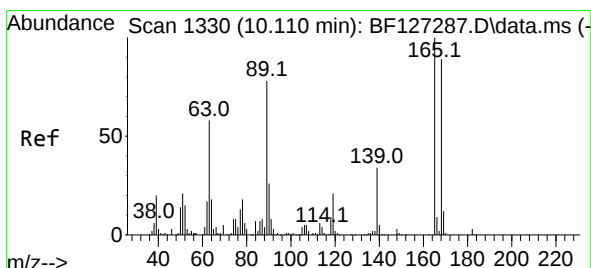
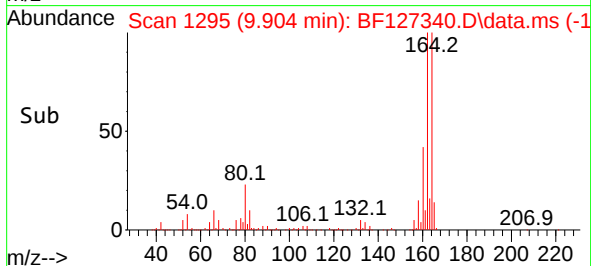
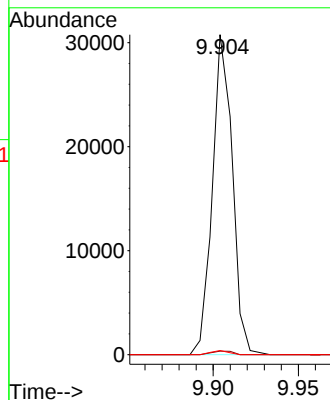
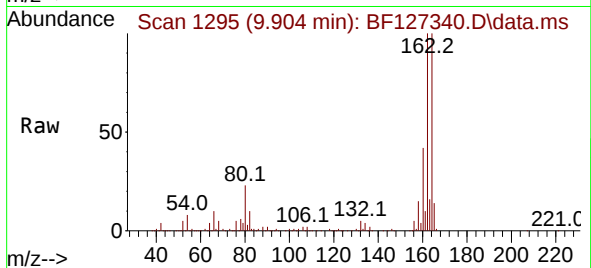
Tgt Ion:165 Resp: 25027

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.745 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127340.D

Acq: 15 Mar 2022 23:06

Tgt Ion:165 Resp: 25027

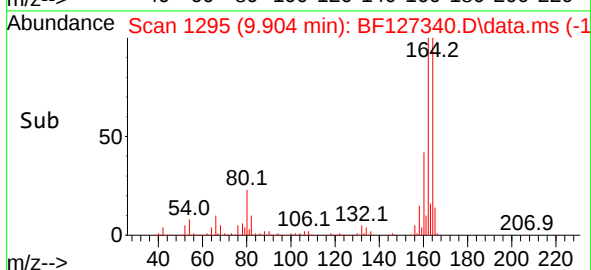
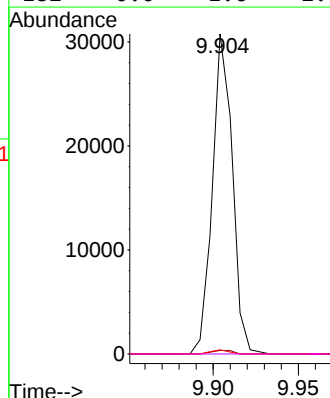
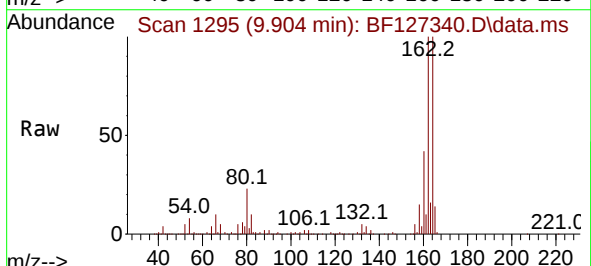
Ion Ratio Lower Upper

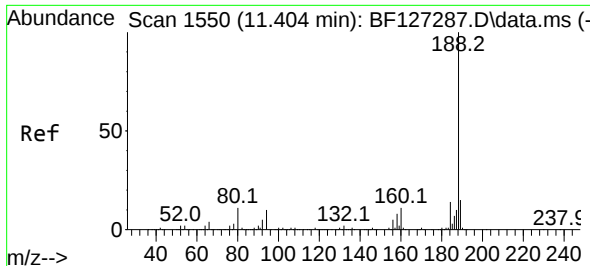
165 100

63 1.1 43.0 64.6#

89 1.3 71.0 106.4#

182 0.0 1.6 2.4#

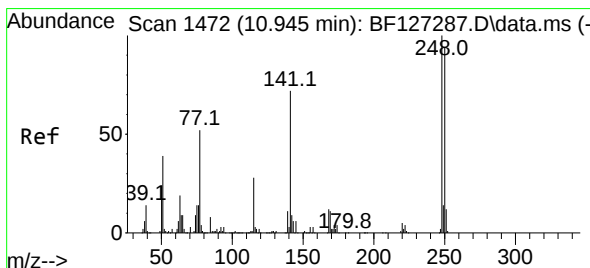
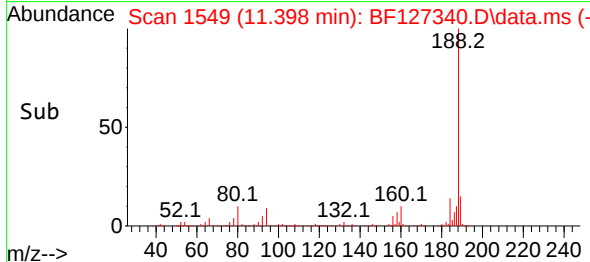
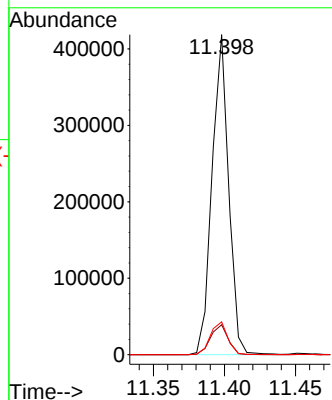
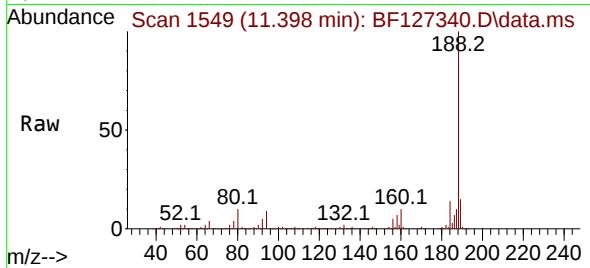




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

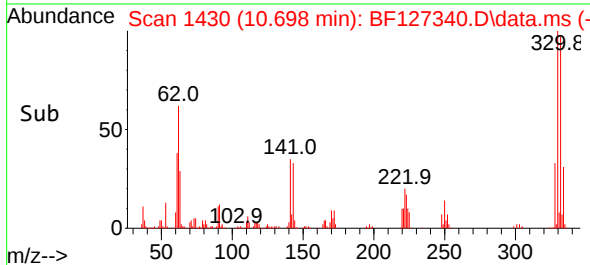
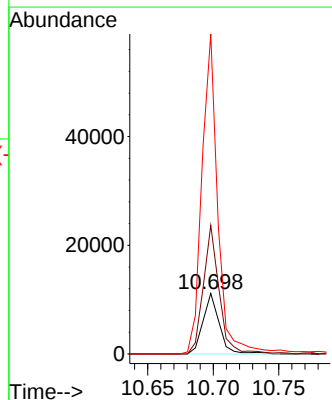
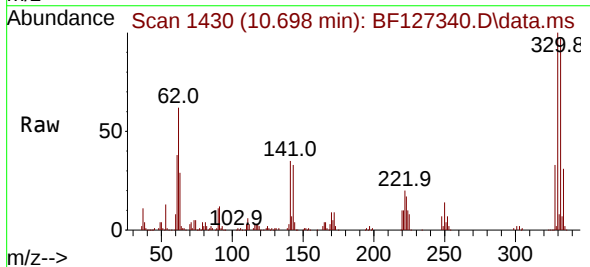
Instrument :
BNA_F
ClientSampleId :
COMP-4

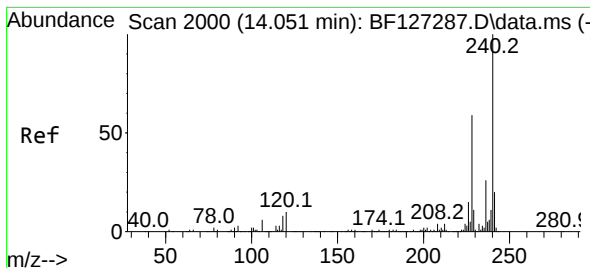
Tgt Ion:188 Resp: 339542
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.362 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127340.D
Acq: 15 Mar 2022 23:06

Tgt Ion:248 Resp: 9668
Ion Ratio Lower Upper
248 100
250 212.2 76.2 114.4#
141 527.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127340.D

Acq: 15 Mar 2022 23:06

Instrument :

BNA_F

ClientSampleId :

COMP-4

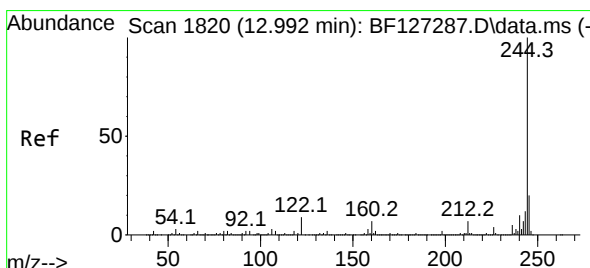
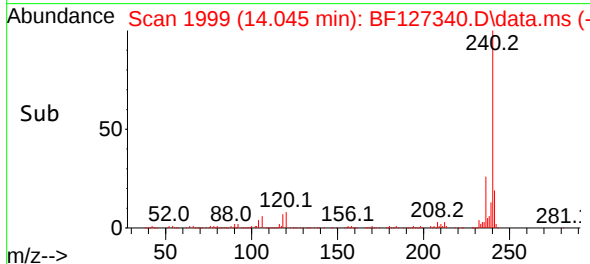
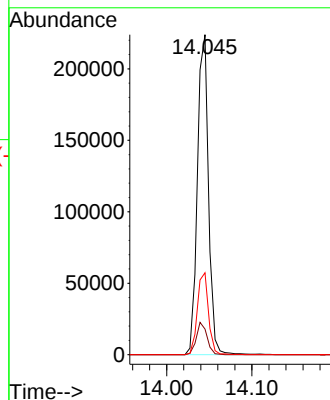
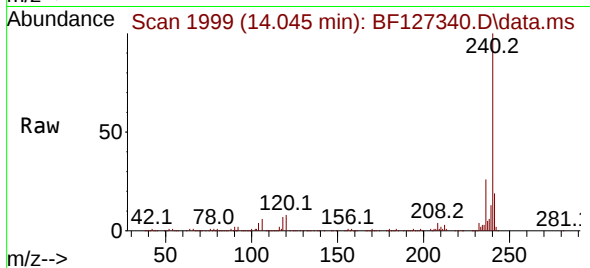
Tgt Ion:240 Resp: 203117

Ion Ratio Lower Upper

240 100

120 8.0 14.4 21.6#

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 63.524 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127340.D

Acq: 15 Mar 2022 23:06

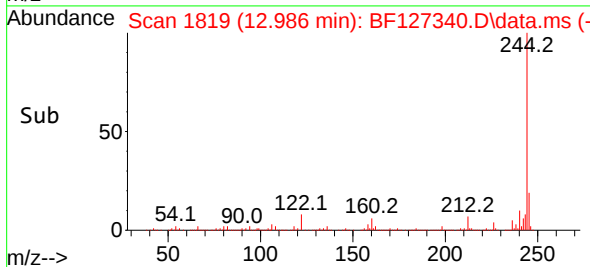
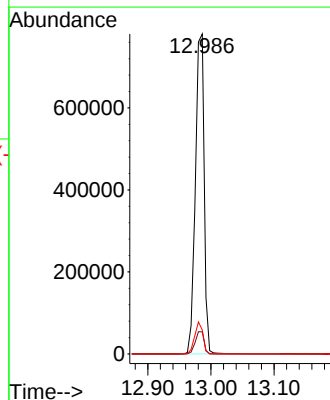
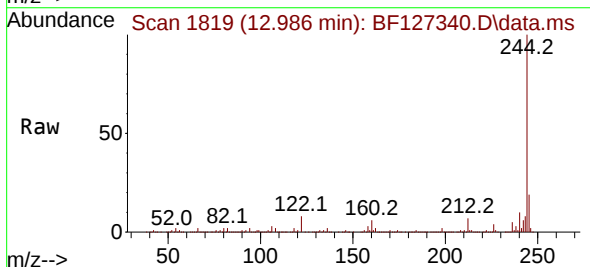
Tgt Ion:244 Resp: 749312

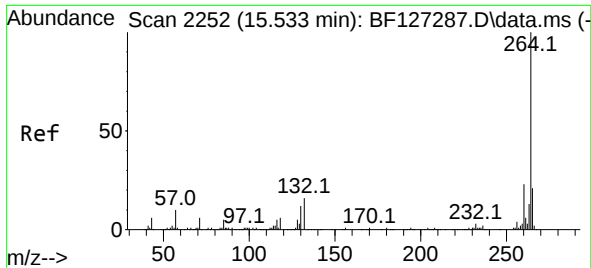
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 7.5 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: BF127340.D
 Acq: 15 Mar 2022 23:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tgt Ion:264 Resp: 208662
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.4 26.2

