

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127381.D
 Acq On : 17 Mar 2022 17:45
 Operator : CG\JU
 Sample : N1951-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-27-(15-20)-3-12-22

Quant Time: Mar 18 04:40:06 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)

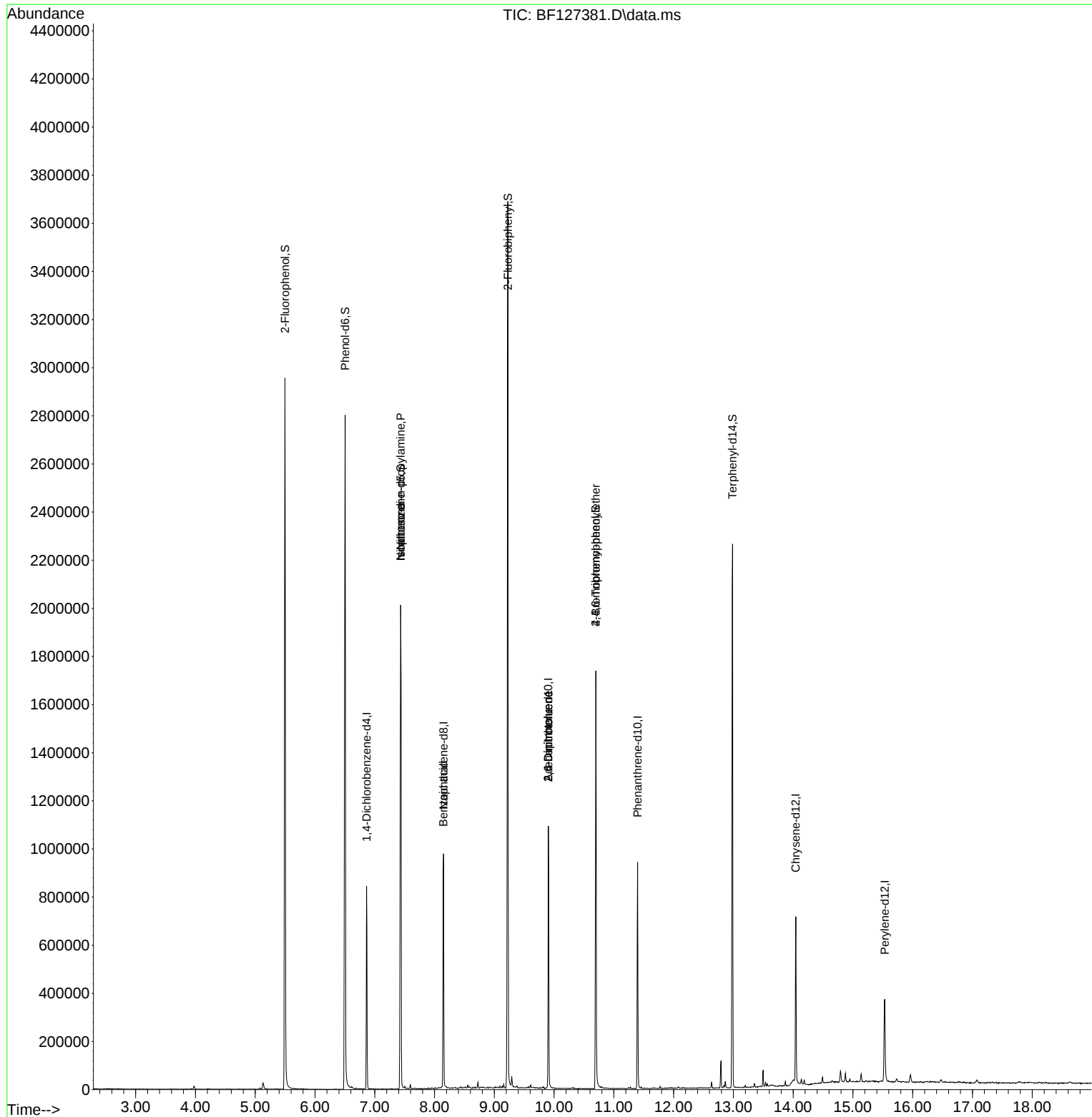
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	112472	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	410434	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	219401	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	319461	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	234617	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	164545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	762290	108.954	ng	0.00
7) Phenol-d6	6.504	99	1031659	107.189	ng	0.00
23) Nitrobenzene-d5	7.434	82	719138	72.360	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190901	80.827	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1136668	73.245	ng	0.00
79) Terphenyl-d14	12.986	244	822240	60.347	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1815	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	97374	16.212	ng	# 86
25) Isophorone	7.434	82	719133	45.000	ng	# 69
32) Benzoic acid	8.145	122	122	6.649	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	28787	9.052	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	28787	6.880	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	13148	3.414	ng	# 1

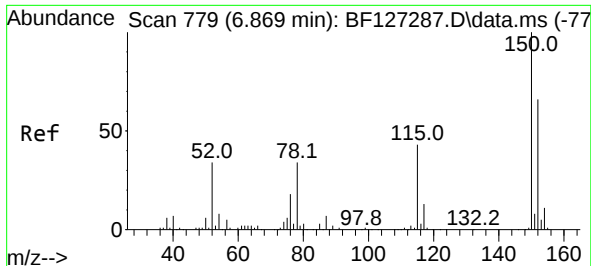
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 18 04:40:06 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

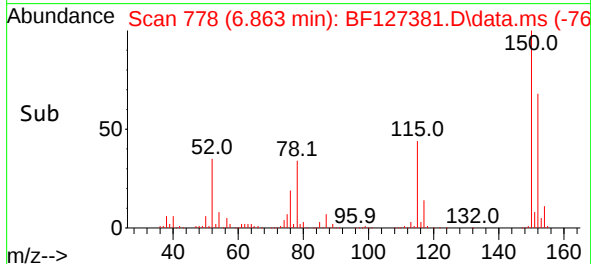
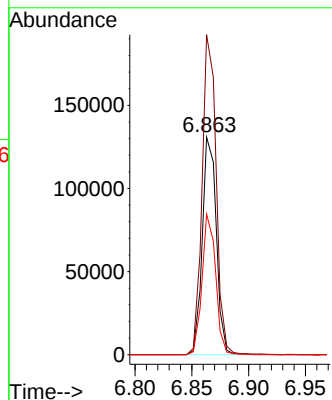
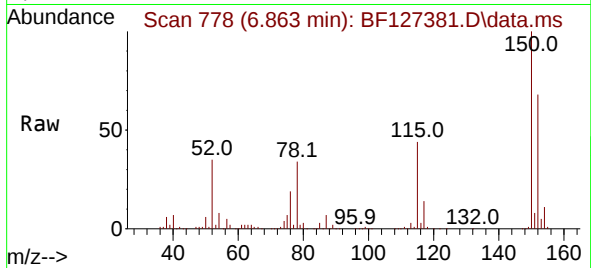




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

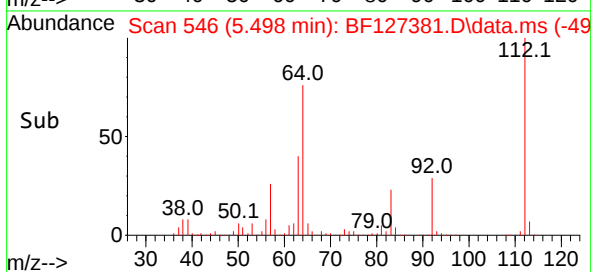
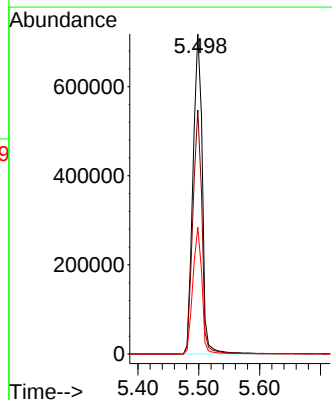
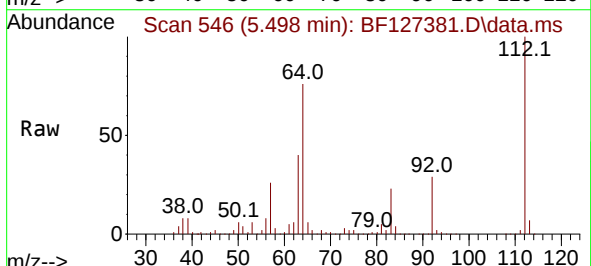
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

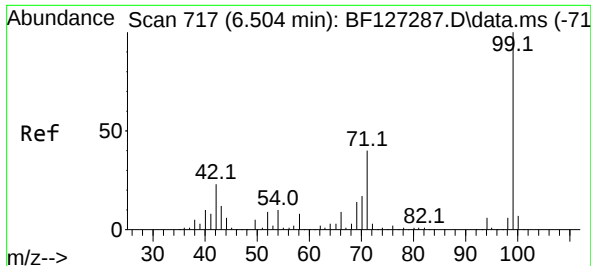
Tgt Ion:152 Resp: 112472
Ion Ratio Lower Upper
152 100
150 147.1 128.1 192.1
115 64.6 56.7 85.1



#5
2-Fluorophenol
Concen: 108.954 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion:112 Resp: 762290
Ion Ratio Lower Upper
112 100
64 76.3 49.5 74.3#
63 39.5 23.9 35.9#

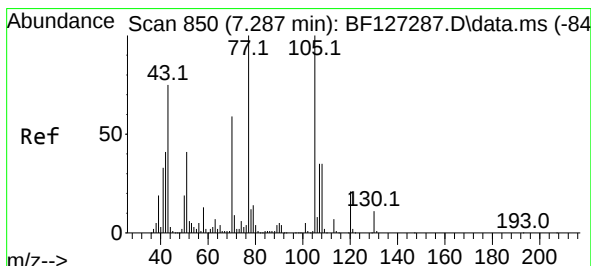
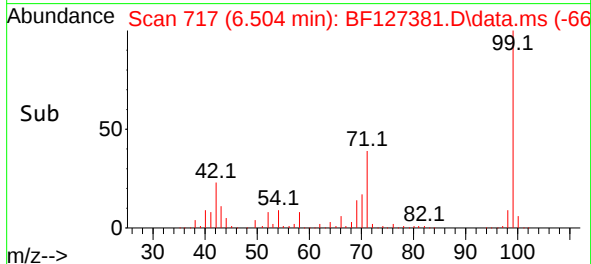
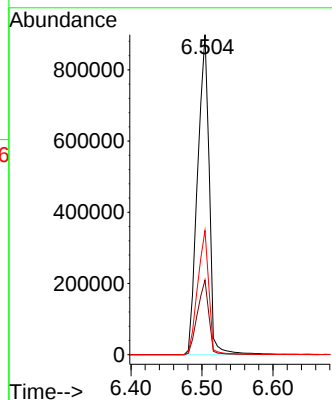
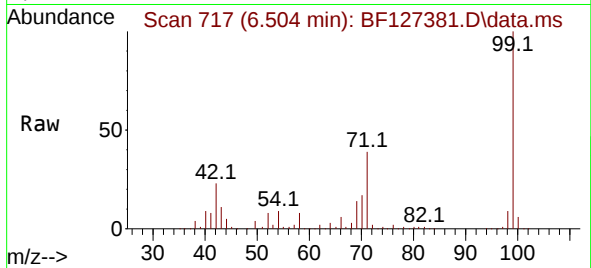




#7
Phenol-d6
Concen: 107.189 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

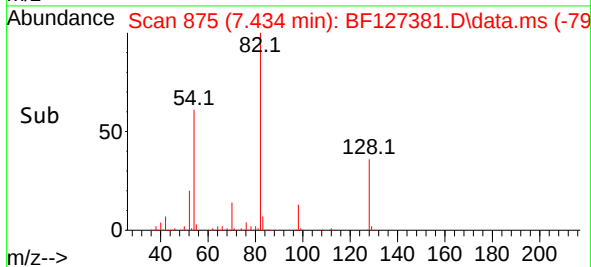
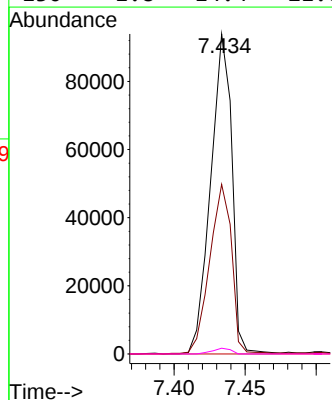
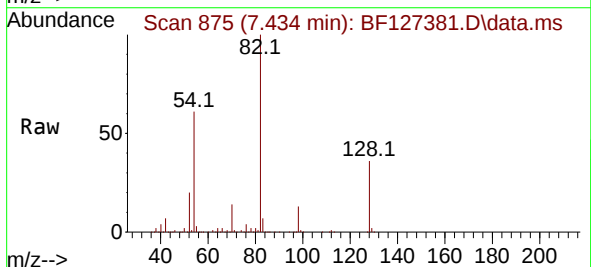
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

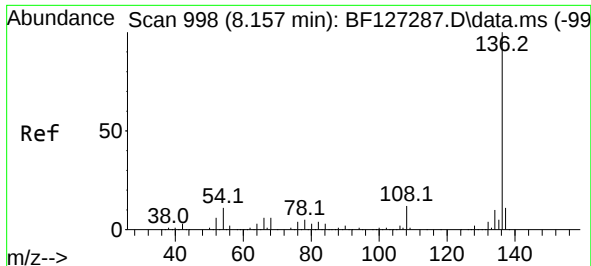
Tgt Ion: 99 Resp: 1031659
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 38.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion: 70 Resp: 97374
Ion Ratio Lower Upper
70 100
42 53.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

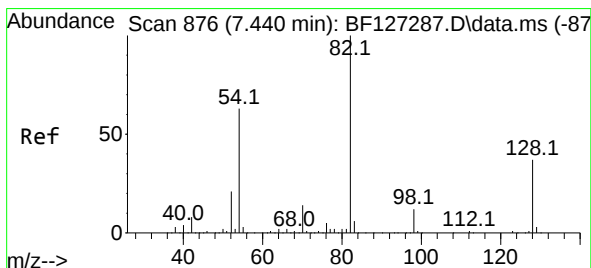
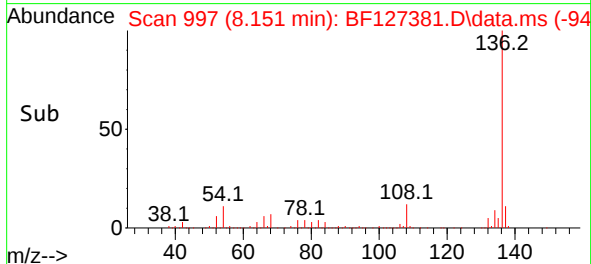
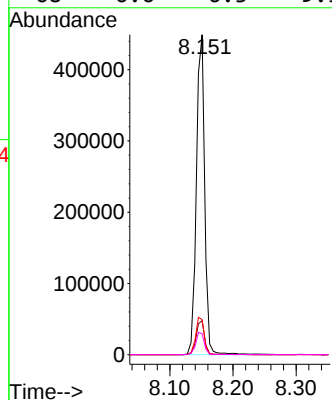
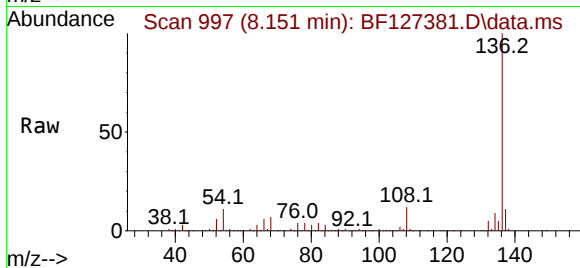




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

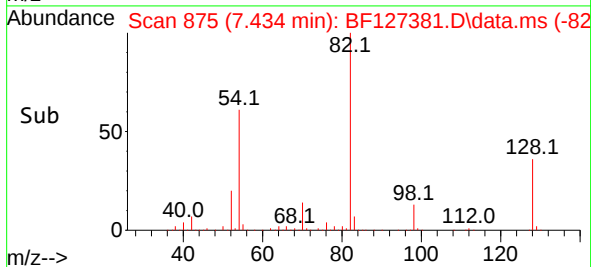
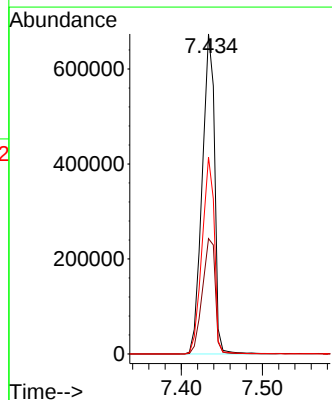
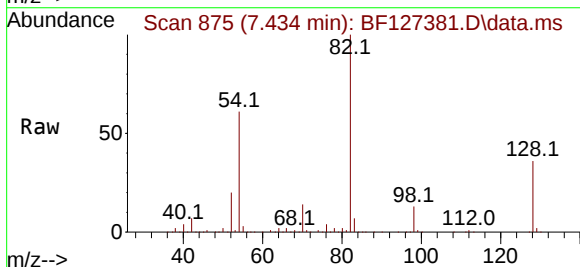
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

Tgt Ion:136 Resp: 410434
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.0 7.8 11.6
68 6.6 6.3 9.5



#23
Nitrobenzene-d5
Concen: 72.360 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion: 82 Resp: 719138
Ion Ratio Lower Upper
82 100
128 36.1 32.7 49.1
54 61.5 41.7 62.5

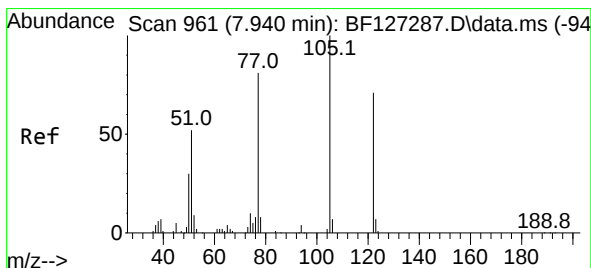
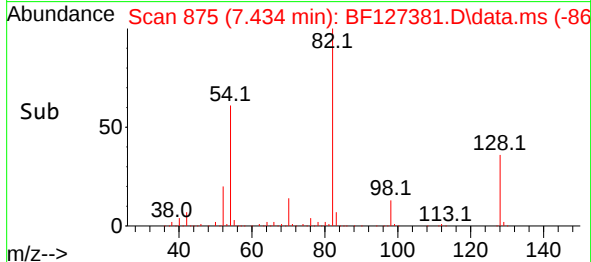
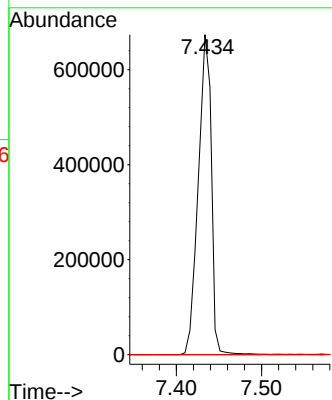
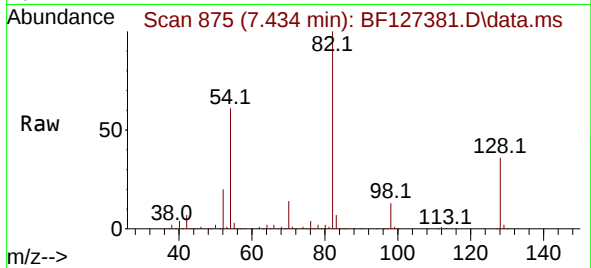




#25
Isophorone
Concen: 45.000 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

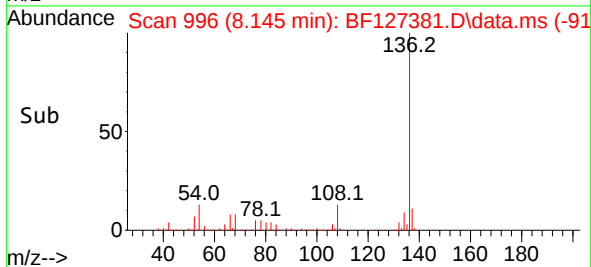
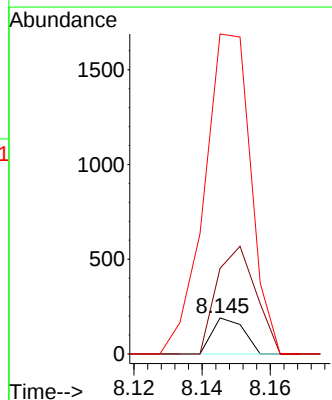
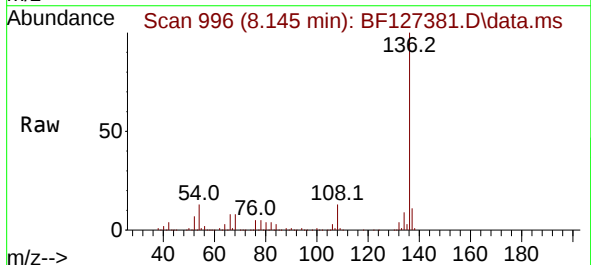
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

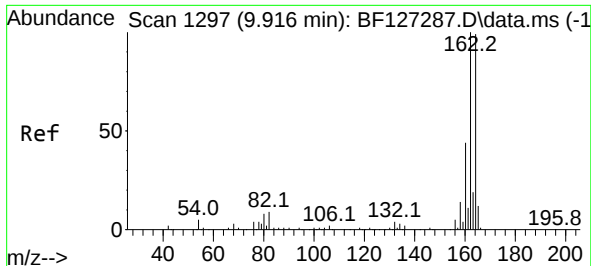
Tgt Ion: 82 Resp: 719133
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.649 ng
RT: 8.145 min Scan# 996
Delta R.T. 0.205 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 237.9 101.0 141.0#
77 888.9 74.5 114.5#

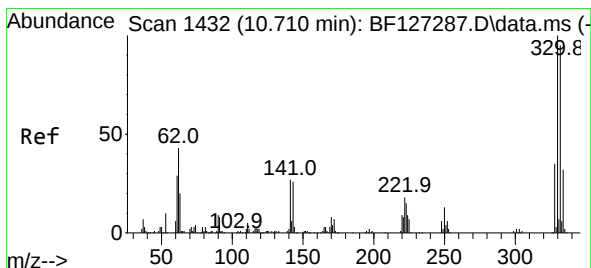
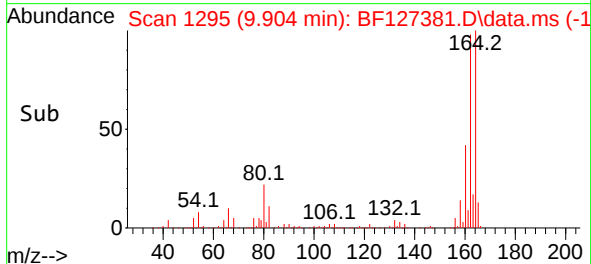
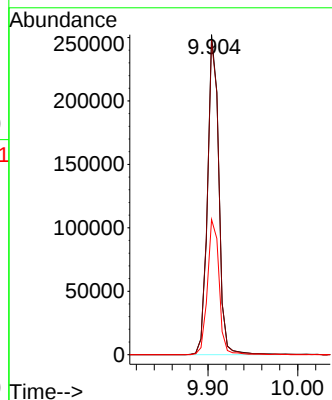
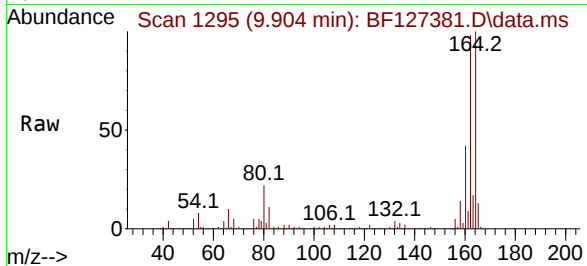




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

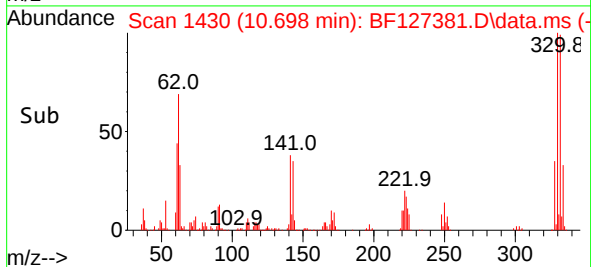
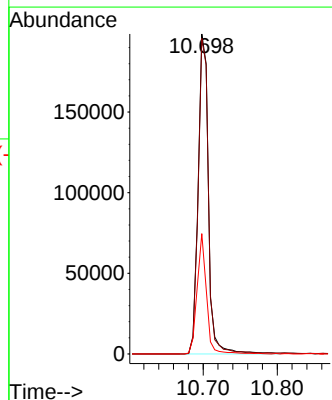
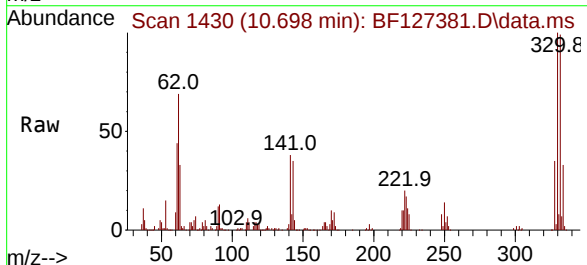
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

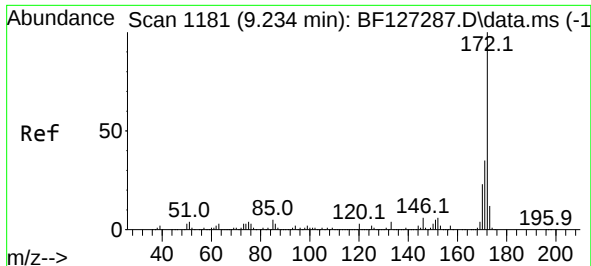
Tgt Ion:164 Resp: 219401
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 42.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 80.827 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion:330 Resp: 190901
Ion Ratio Lower Upper
330 100
332 98.0 76.0 114.0
141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 73.245 ng

RT: 9.228 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127381.D

Acq: 17 Mar 2022 17:45

Instrument :

BNA_F

ClientSampleId :

DB-27-(15-20)-3-12-22

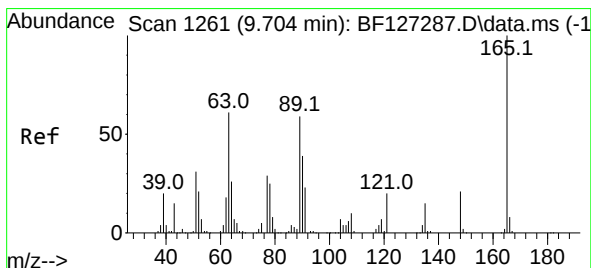
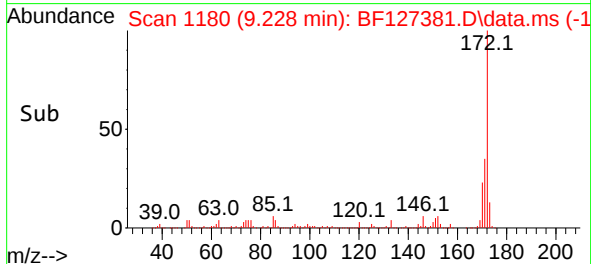
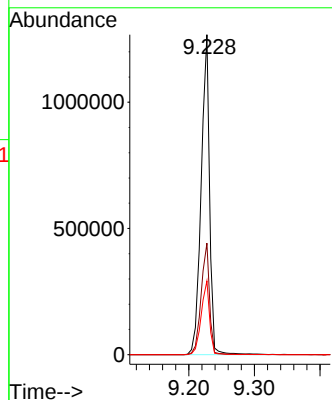
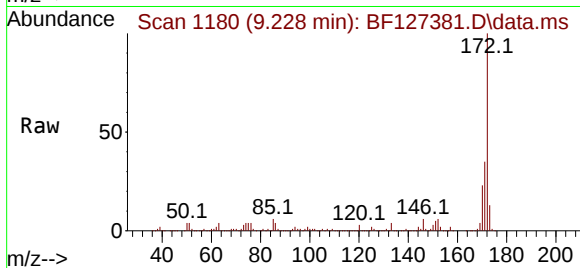
Tgt Ion:172 Resp: 1136668

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.052 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127381.D

Acq: 17 Mar 2022 17:45

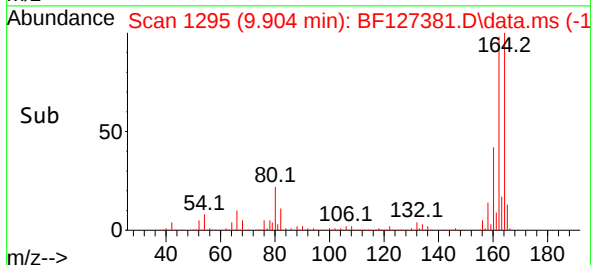
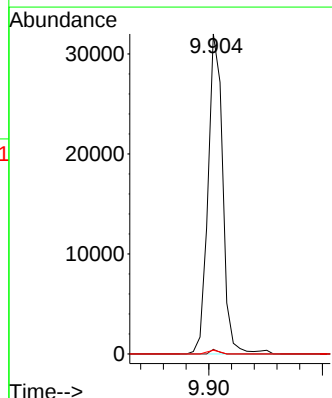
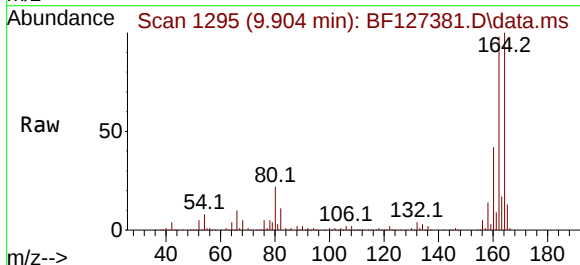
Tgt Ion:165 Resp: 28787

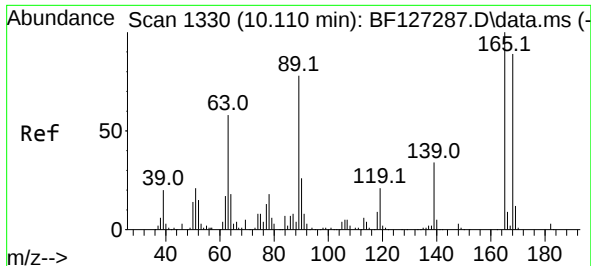
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.2 50.5 75.7#

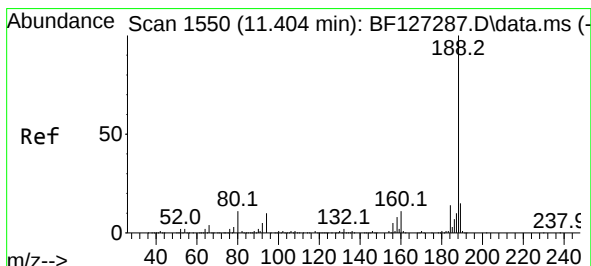
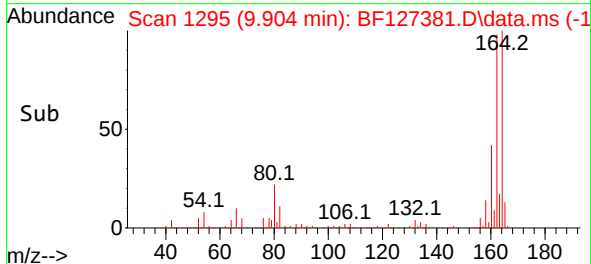
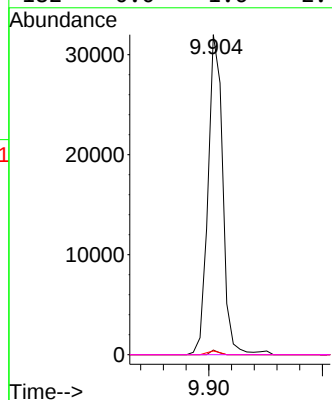
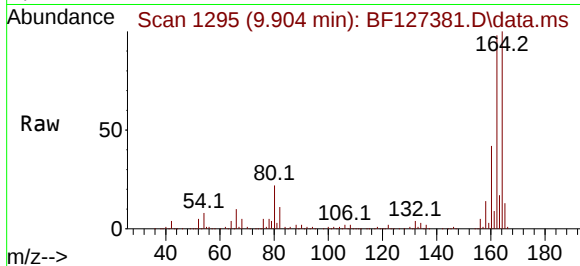




#57
2,4-Dinitrotoluene
Concen: 6.880 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

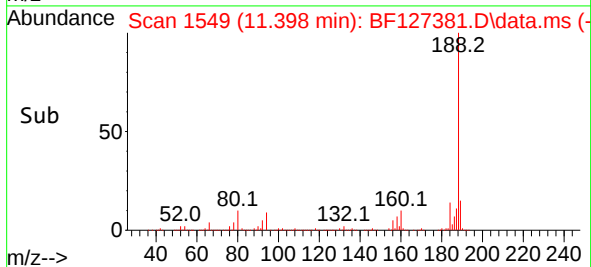
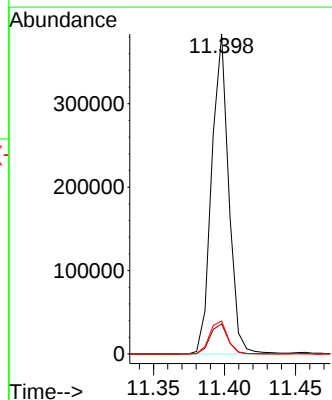
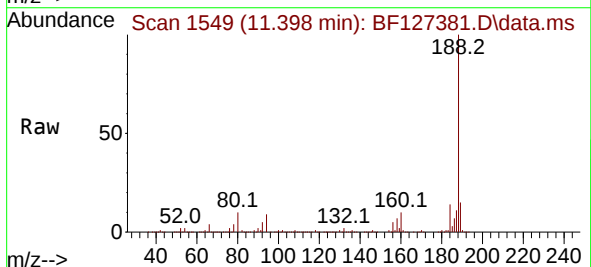
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

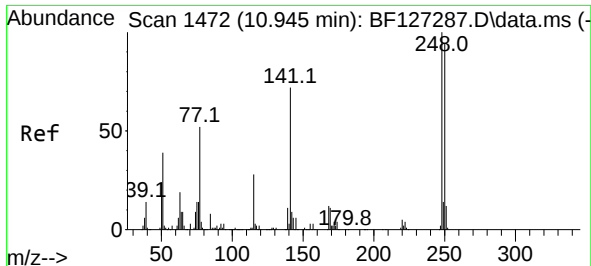
Tgt Ion:165	Resp:	28787
Ion Ratio	Lower	Upper
165	100	
63	1.4	43.0 64.6#
89	1.2	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

Tgt Ion:188	Resp:	319461
Ion Ratio	Lower	Upper
188	100	
94	9.4	10.1 15.1#
80	10.3	11.8 17.6#

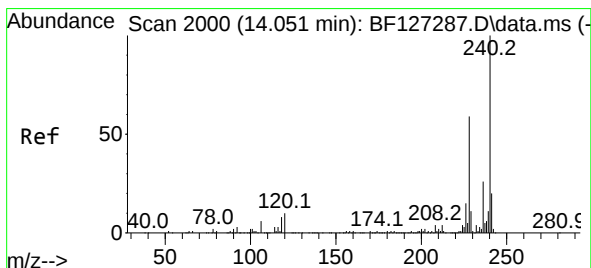
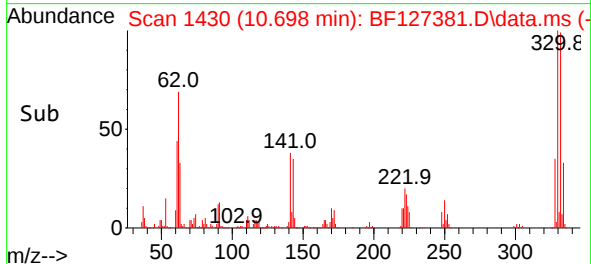
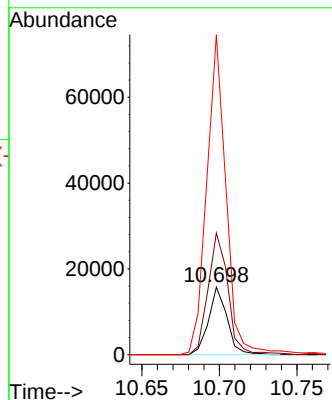
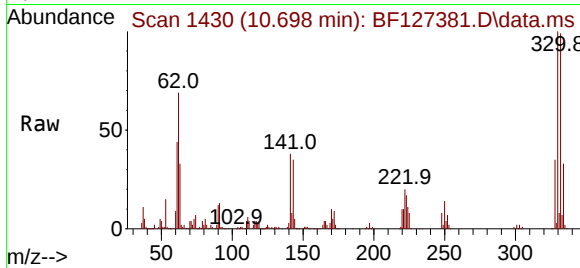




#67
4-Bromophenyl-phenylether
Concen: 3.414 ng
RT: 10.698 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

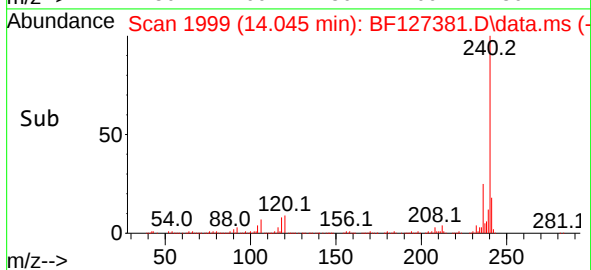
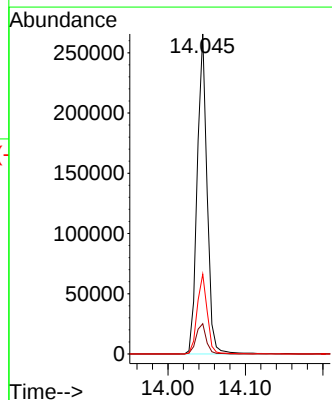
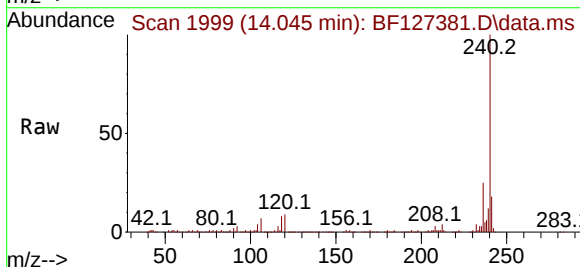
Instrument :
BNA_F
ClientSampleId :
DB-27-(15-20)-3-12-22

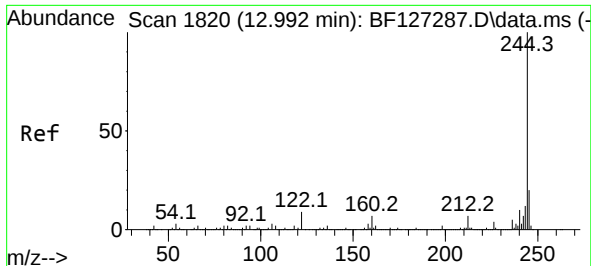
Tgt Ion:248 Resp: 13148
Ion Ratio Lower Upper
248 100
250 180.5 76.2 114.4#
141 474.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127381.D
Acq: 17 Mar 2022 17:45

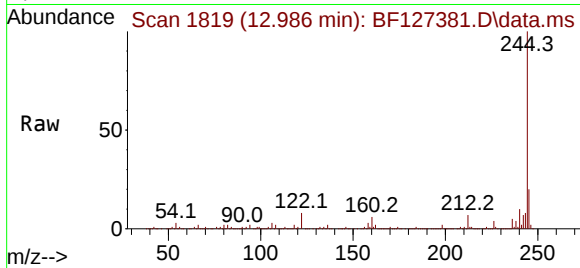
Tgt Ion:240 Resp: 234617
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6#
236 24.9 20.5 30.7



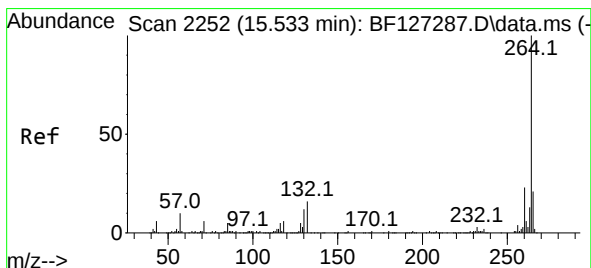
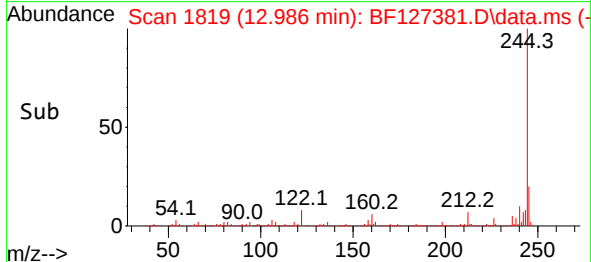
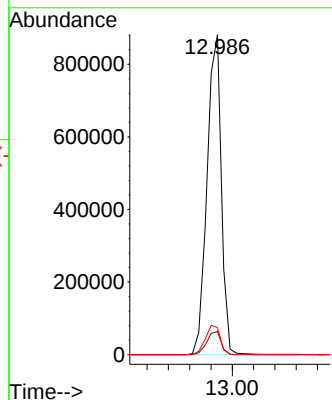


#79
 Terphenyl-d14
 Concen: 60.347 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127381.D
 Acq: 17 Mar 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 DB-27-(15-20)-3-12-22



Tgt Ion:244 Resp: 822240
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 8.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127381.D
 Acq: 17 Mar 2022 17:45

Tgt Ion:264 Resp: 164545
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.4 26.2

