

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127747.D
 Acq On : 11 Apr 2022 19:20
 Operator : CG\JU
 Sample : N2349-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-7

Quant Time: Apr 12 04:56:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

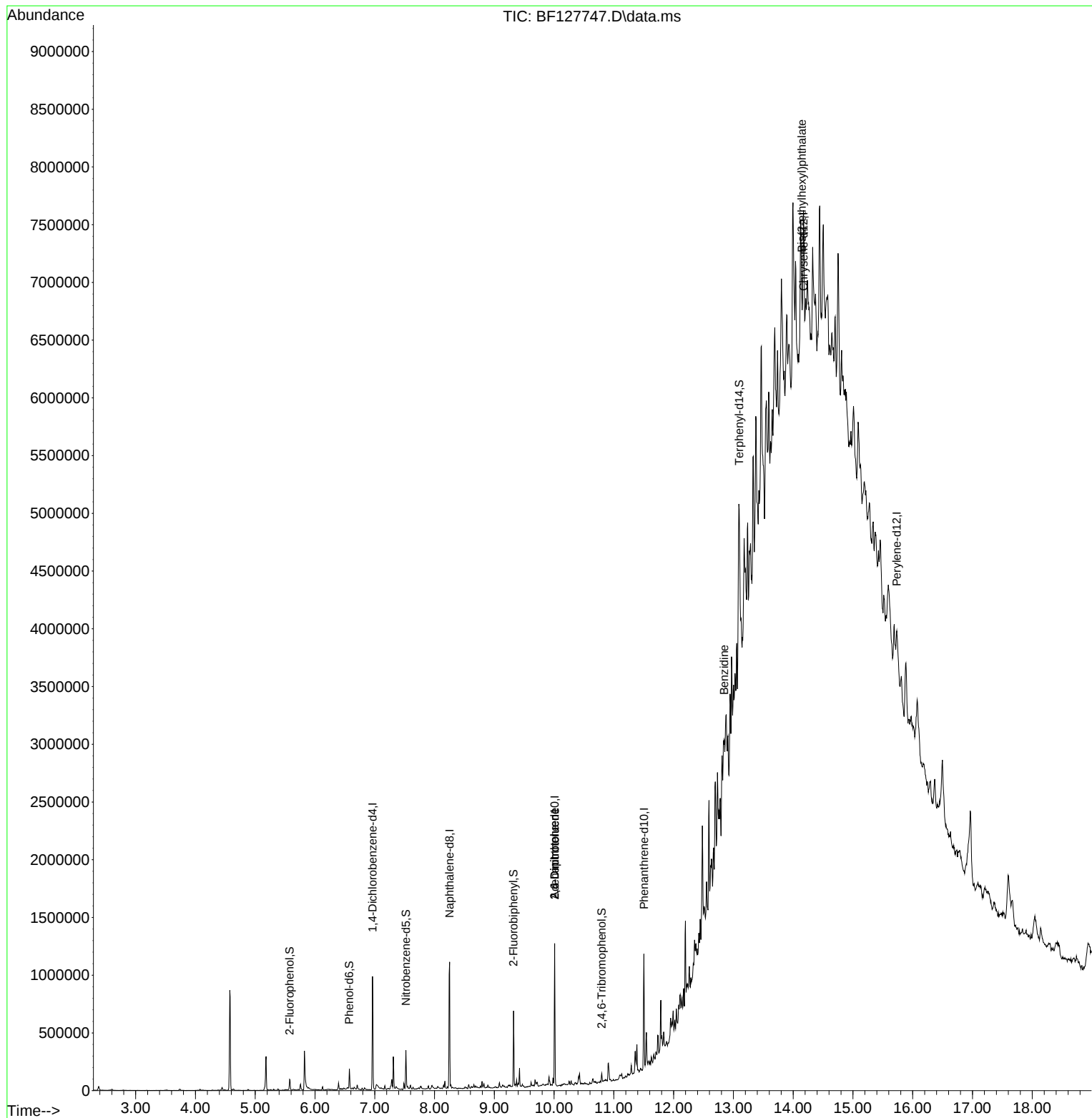
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	128829	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	449530	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	220186	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	335949	20.000	ng	0.00
76) Chrysene-d12	14.174	240	198151	20.000	ng	# 0.02
86) Perylene-d12	15.733	264	153364	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	26162	3.300	ng	0.00
7) Phenol-d6	6.575	99	51272	4.943	ng	0.00
23) Nitrobenzene-d5	7.522	82	89408	8.867	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	8999	3.841	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	172606	11.090	ng	0.00
79) Terphenyl-d14	13.098	244	116654	9.717	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	506	Below Cal	#	81
51) 2,6-Dinitrotoluene	10.010	165	28944	9.621 ng	#	17
57) 2,4-Dinitrotoluene	10.010	165	28944	7.760 ng	#	13
77) Benzidine	12.845	184	86262	16.679 ng	#	89
84) Bis(2-ethylhexyl)phtha...	14.145	149	38095	4.338 ng	#	84

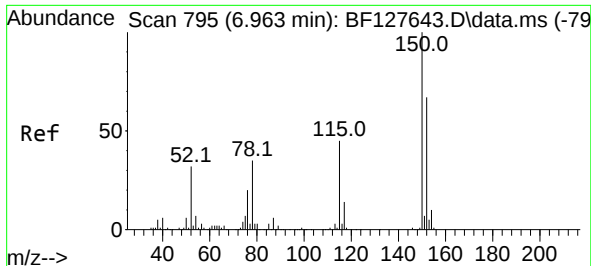
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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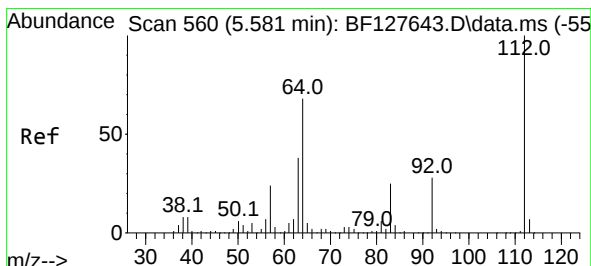
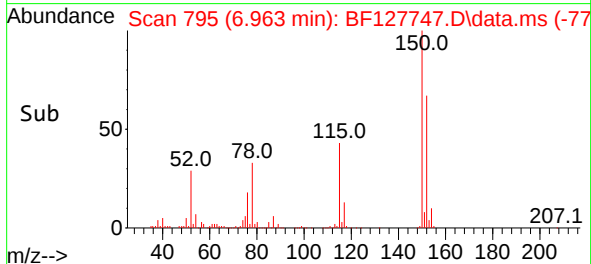
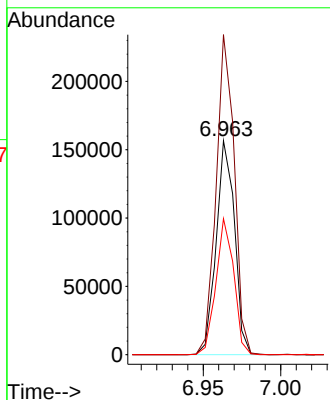
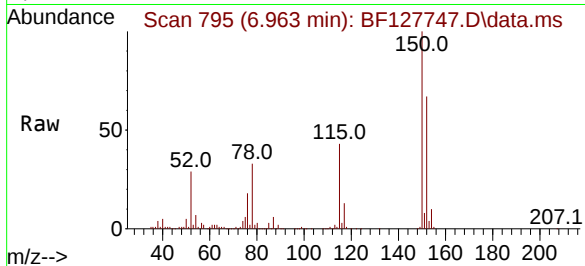




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127747.D
 Acq: 11 Apr 2022 19:20

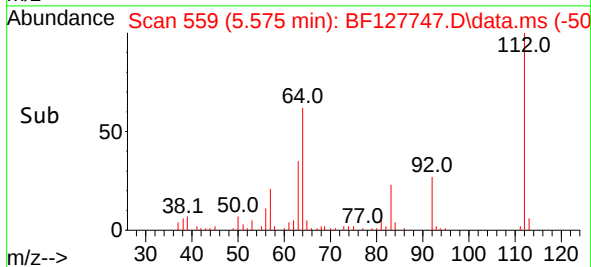
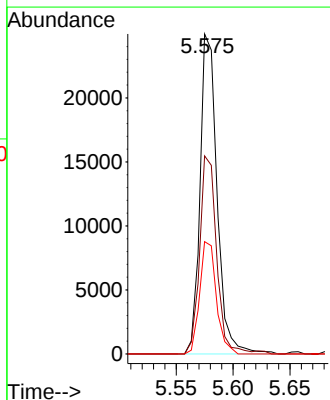
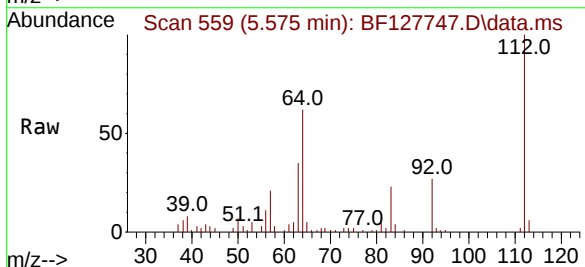
Instrument :
 BNA_F
 ClientSampleId :
 DEL-7

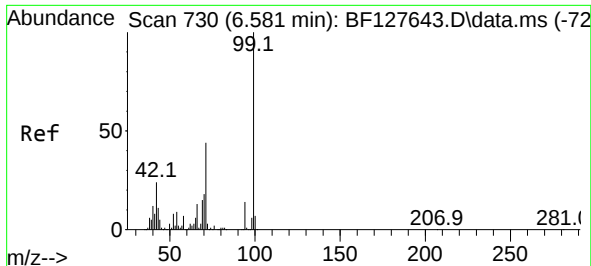
Tgt Ion:152 Resp: 128829
 Ion Ratio Lower Upper
 152 100
 150 149.6 117.2 175.8
 115 63.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 3.300 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127747.D
 Acq: 11 Apr 2022 19:20

Tgt Ion:112 Resp: 26162
 Ion Ratio Lower Upper
 112 100
 64 61.9 58.4 87.6
 63 35.1 30.1 45.1





#7

Phenol-d6

Concen: 4.943 ng

RT: 6.575 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF127747.D

Acq: 11 Apr 2022 19:20

Instrument :

BNA_F

ClientSampleId :

DEL-7

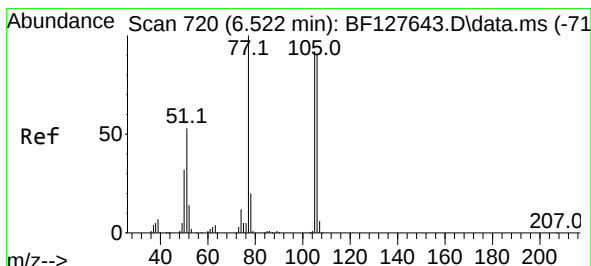
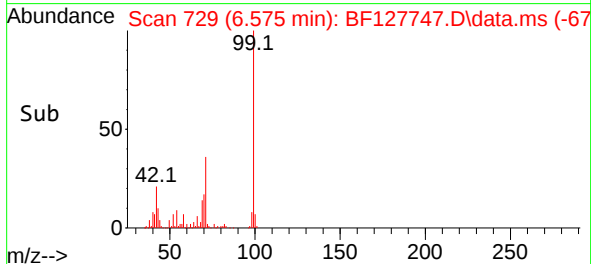
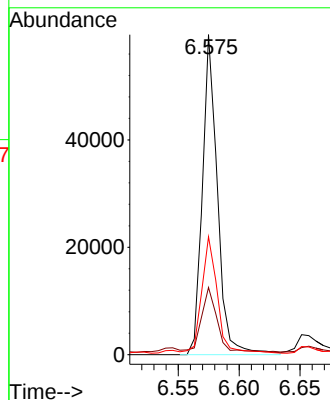
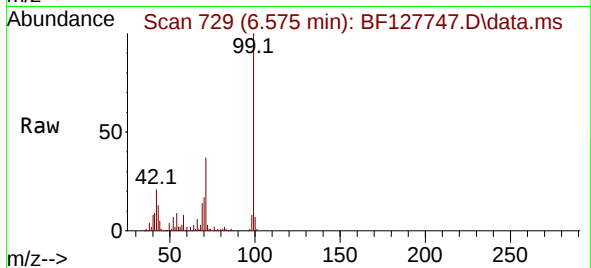
Tgt Ion: 99 Resp: 51272

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 36.9 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF127747.D

Acq: 11 Apr 2022 19:20

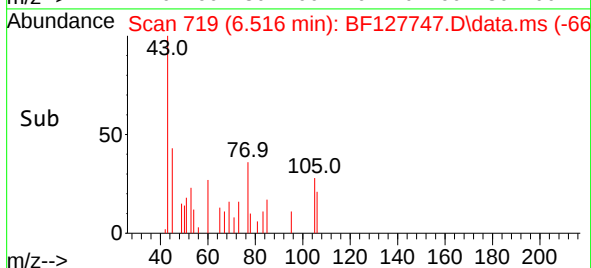
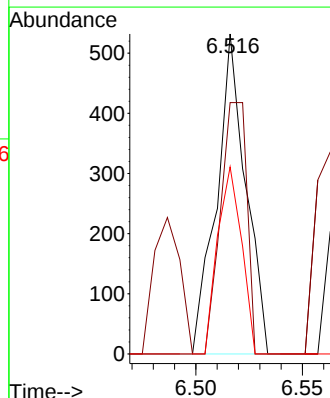
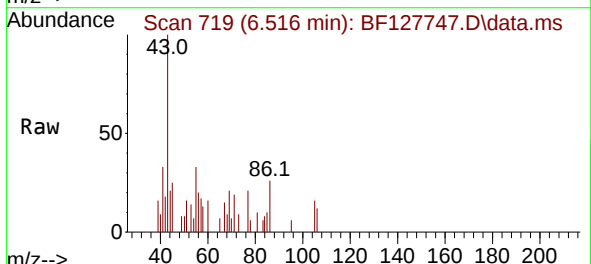
Tgt Ion: 77 Resp: 506

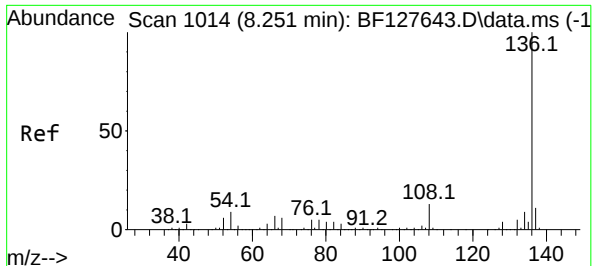
Ion Ratio Lower Upper

77 100

105 78.6 66.8 106.8

106 58.5 64.3 104.3#

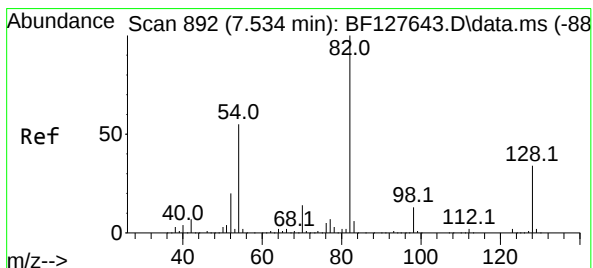
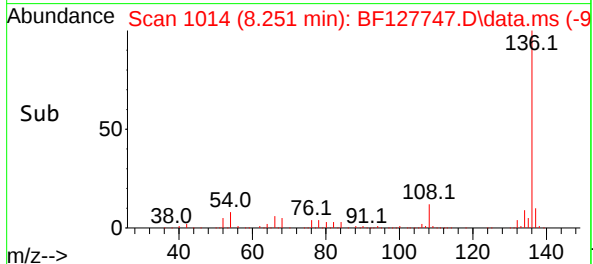
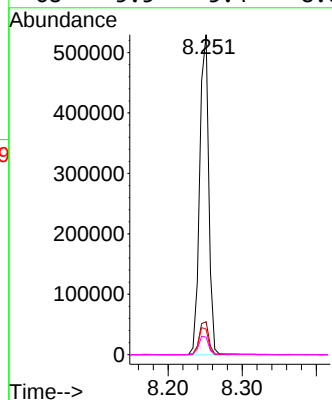
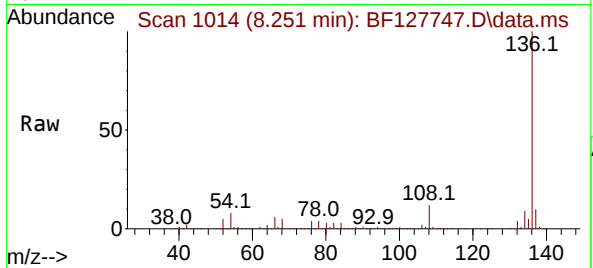




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

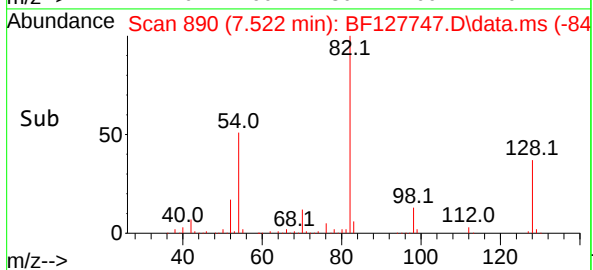
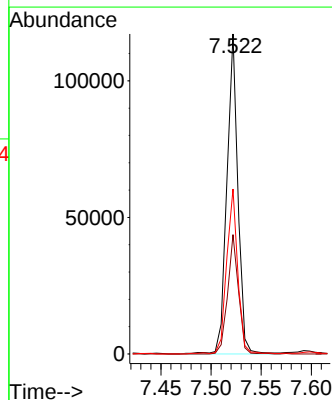
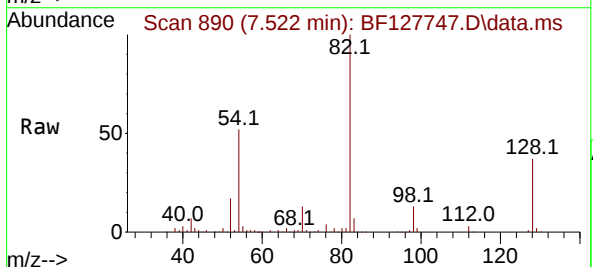
Instrument :
BNA_F
ClientSampleId :
DEL-7

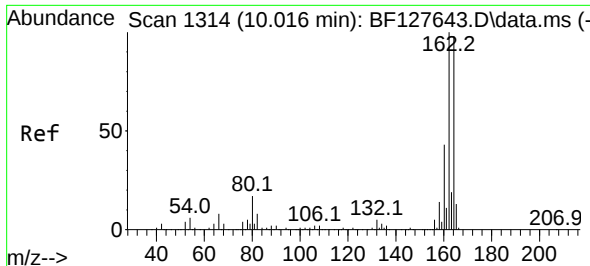
Tgt Ion:	136	Resp:	449530
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.0	9.2	13.8#
68	5.5	5.4	8.0



#23
Nitrobenzene-d5
Concen: 8.867 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:	82	Resp:	89408
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.6	45.8
54	51.5	48.2	72.2

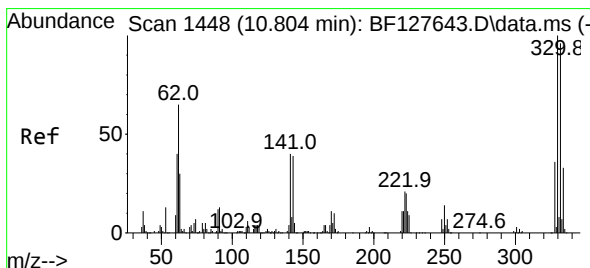
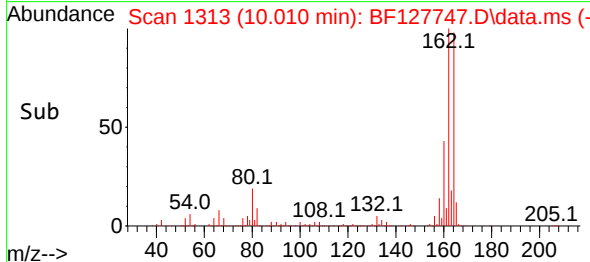
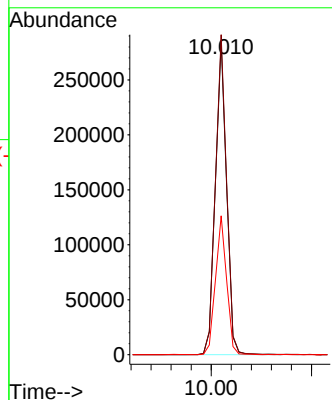
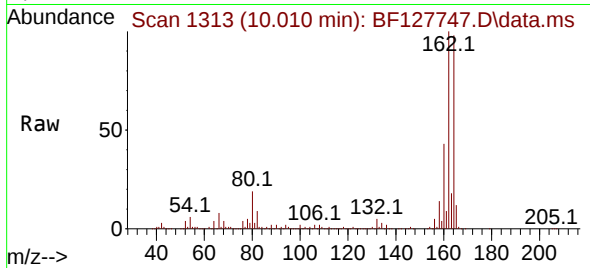




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

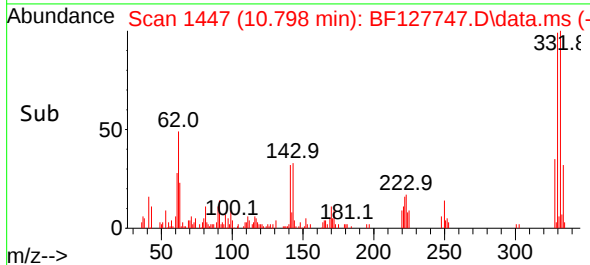
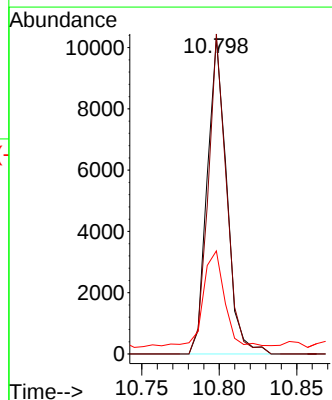
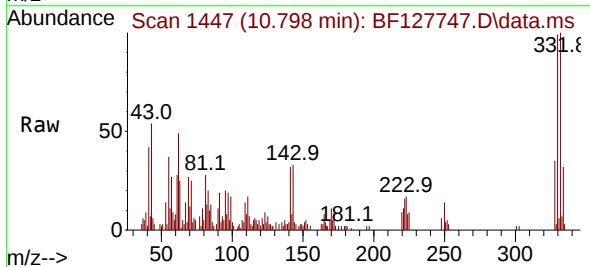
Instrument :
BNA_F
ClientSampleId :
DEL-7

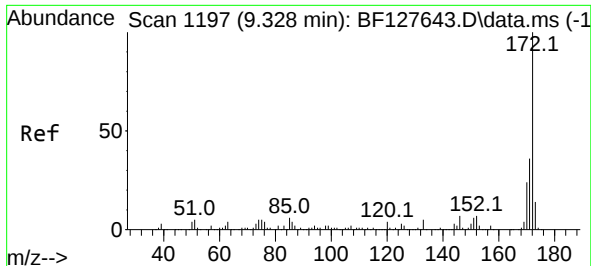
Tgt Ion:164 Resp: 220186
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 44.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 3.841 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:330 Resp: 8999
Ion Ratio Lower Upper
330 100
332 96.2 79.1 118.7
141 41.3 26.2 39.4#

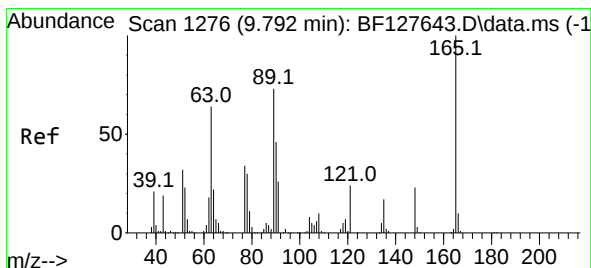
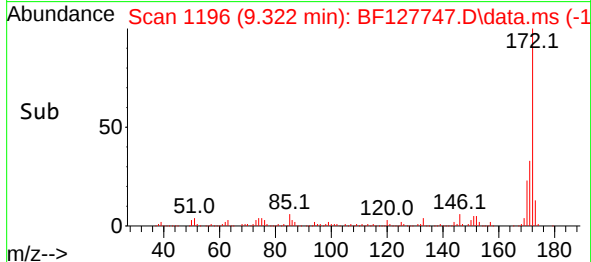
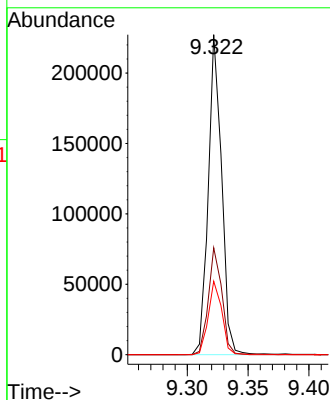
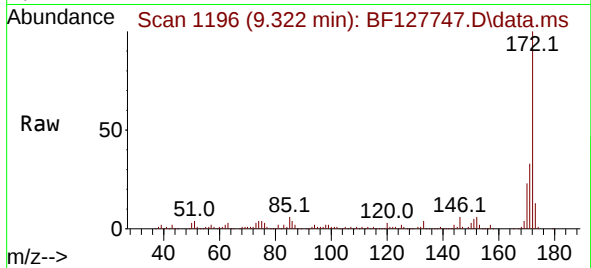




#45
2-Fluorobiphenyl
Concen: 11.090 ng
RT: 9.322 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

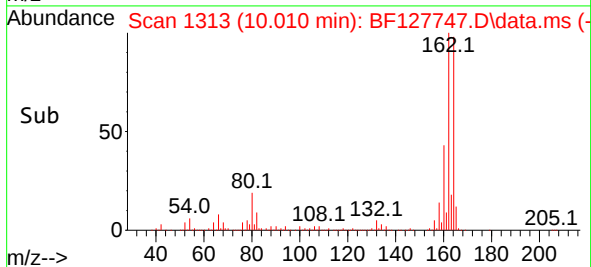
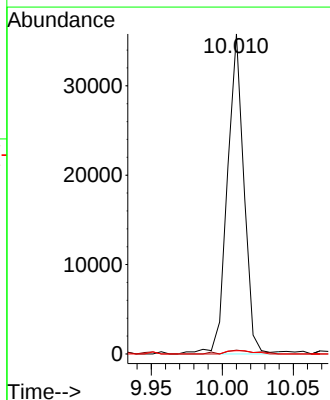
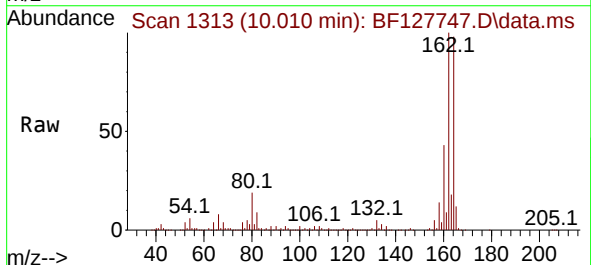
Instrument :
BNA_F
ClientSampleId :
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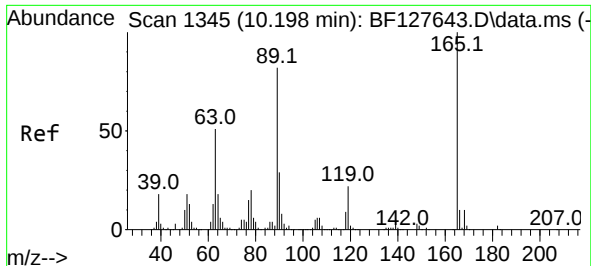
Tgt Ion:172 Resp: 172606
Ion Ratio Lower Upper
172 100
171 33.4 28.4 42.6
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.621 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:165 Resp: 28944
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.0 51.5 77.3#

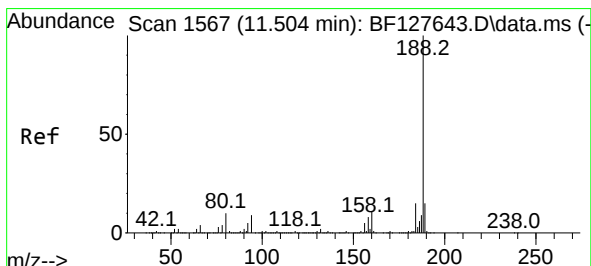
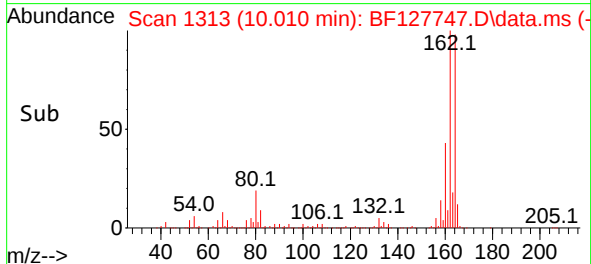
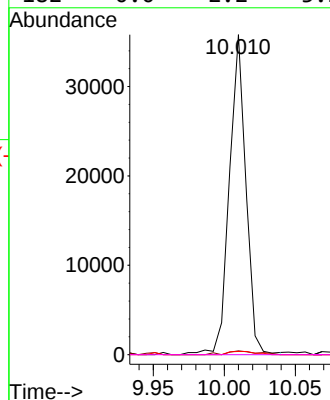
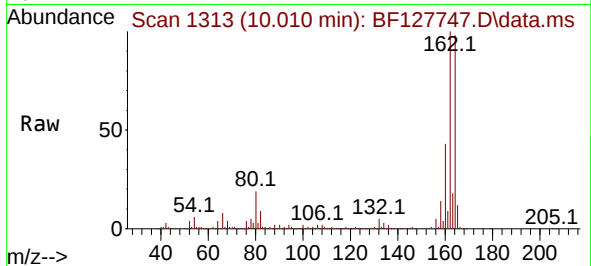




#57
2,4-Dinitrotoluene
Concen: 7.760 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

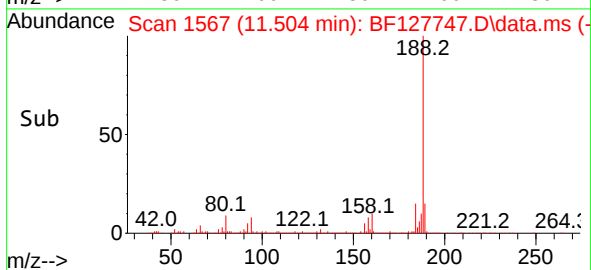
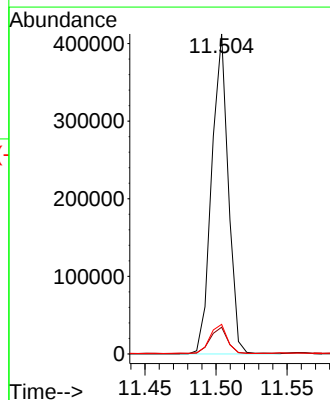
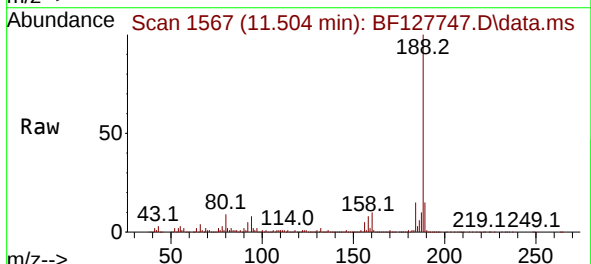
Instrument :
BNA_F
ClientSampleId :
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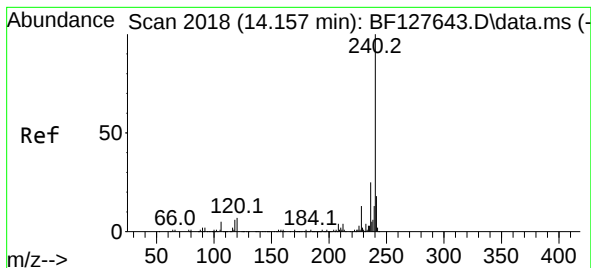
Tgt Ion:165 Resp: 28944
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127747.D
Acq: 11 Apr 2022 19:20

Tgt Ion:188 Resp: 335949
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.3 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF127747.D

Acq: 11 Apr 2022 19:20

Instrument :

BNA_F

ClientSampleId :

DEL-7

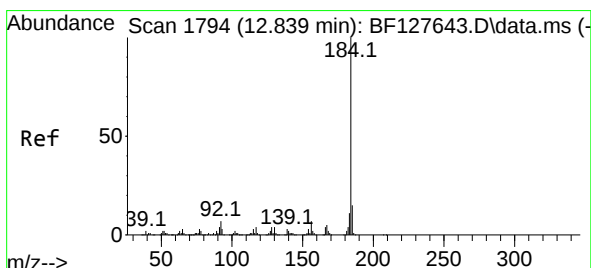
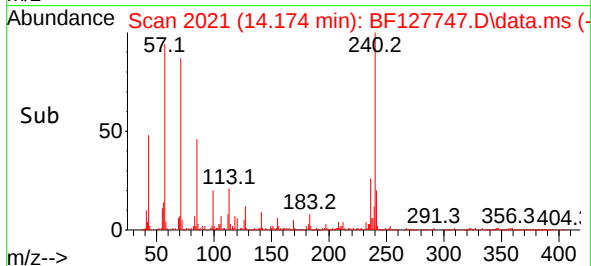
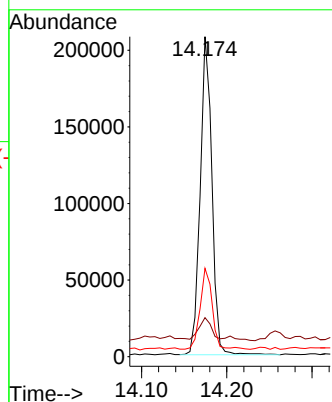
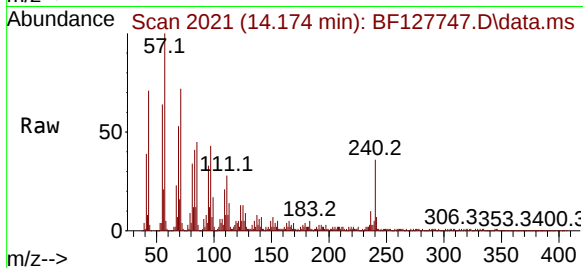
Tgt Ion:240 Resp: 198151

Ion Ratio Lower Upper

240 100

120 12.2 7.1 10.7#

236 27.6 20.7 31.1



#77

Benzidine

Concen: 16.679 ng

RT: 12.845 min Scan# 1795

Delta R.T. 0.006 min

Lab File: BF127747.D

Acq: 11 Apr 2022 19:20

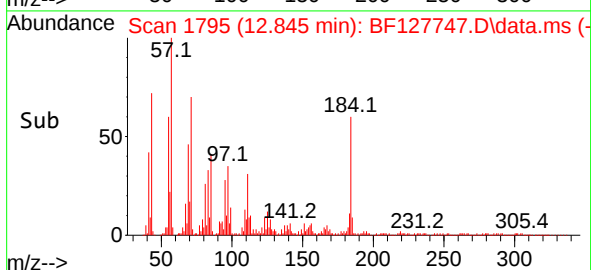
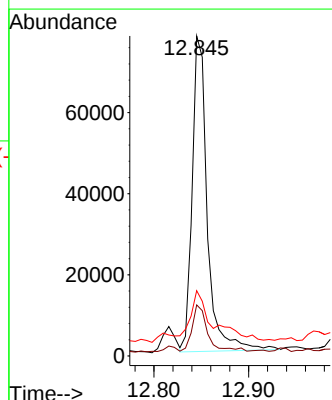
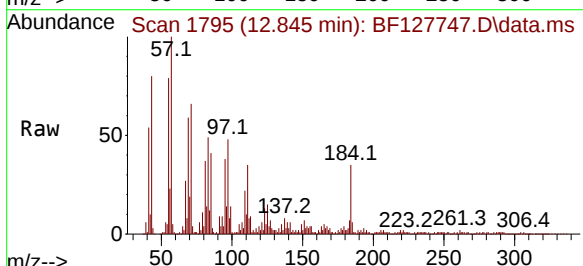
Tgt Ion:184 Resp: 86262

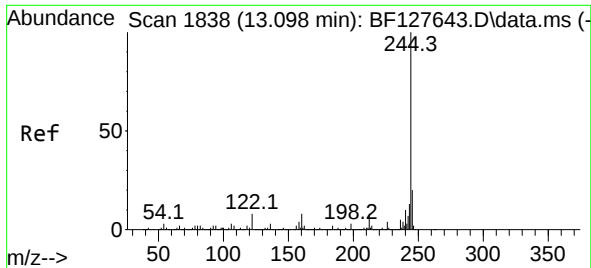
Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 20.4 9.4 14.0#

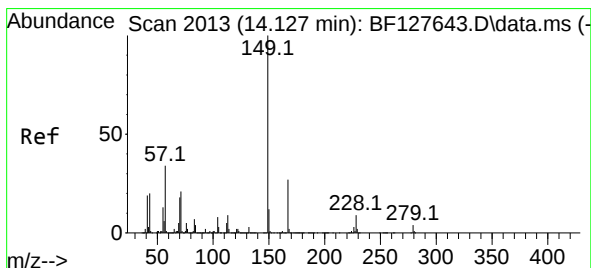
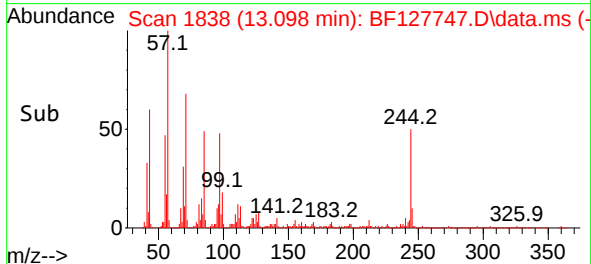
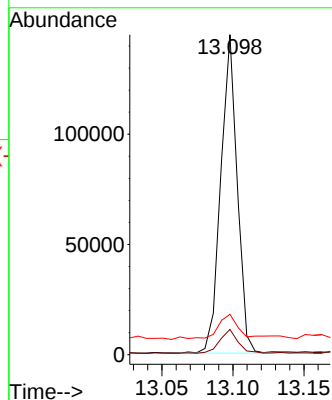
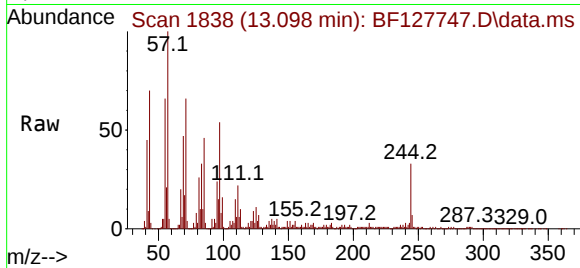




#79
 Terphenyl-d14
 Concen: 9.717 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127747.D
 Acq: 11 Apr 2022 19:20

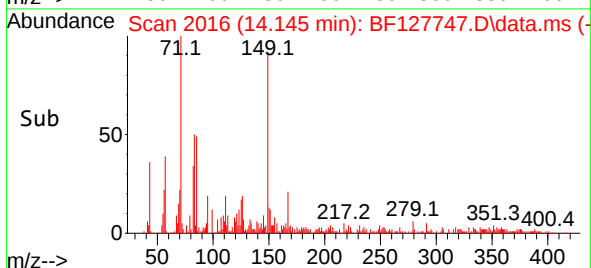
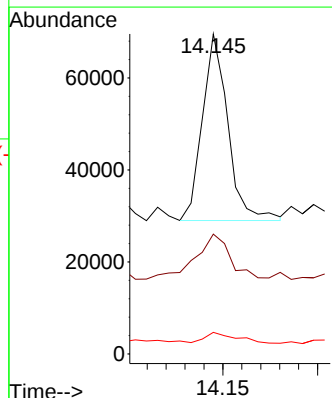
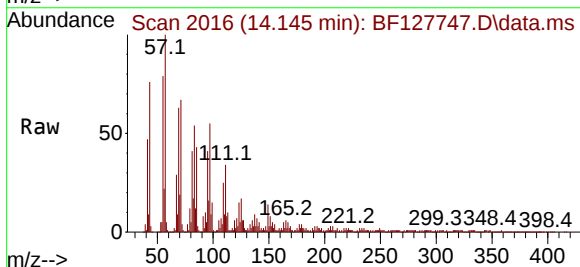
Instrument :
 BNA_F
 ClientSampleId :
 DEL-7

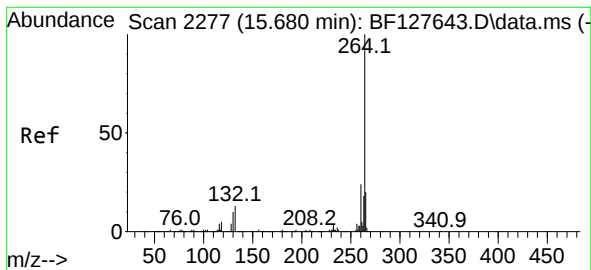
Tgt Ion:244 Resp: 116654
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.6 6.2 9.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.338 ng
 RT: 14.145 min Scan# 2016
 Delta R.T. 0.018 min
 Lab File: BF127747.D
 Acq: 11 Apr 2022 19:20

Tgt Ion:149 Resp: 38095
 Ion Ratio Lower Upper
 149 100
 167 37.4 22.9 34.3#
 279 6.8 3.2 4.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF127747.D
 Acq: 11 Apr 2022 19:20

Instrument :
 BNA_F
 ClientSampleId :
 DEL-7

Tgt Ion:264 Resp: 153364
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.1 28.7
 265 21.8 17.4 26.2

