

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127749.D
 Acq On : 11 Apr 2022 20:18
 Operator : CG\JU
 Sample : N2349-17 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-8D

Quant Time: Apr 12 04:56:39 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)

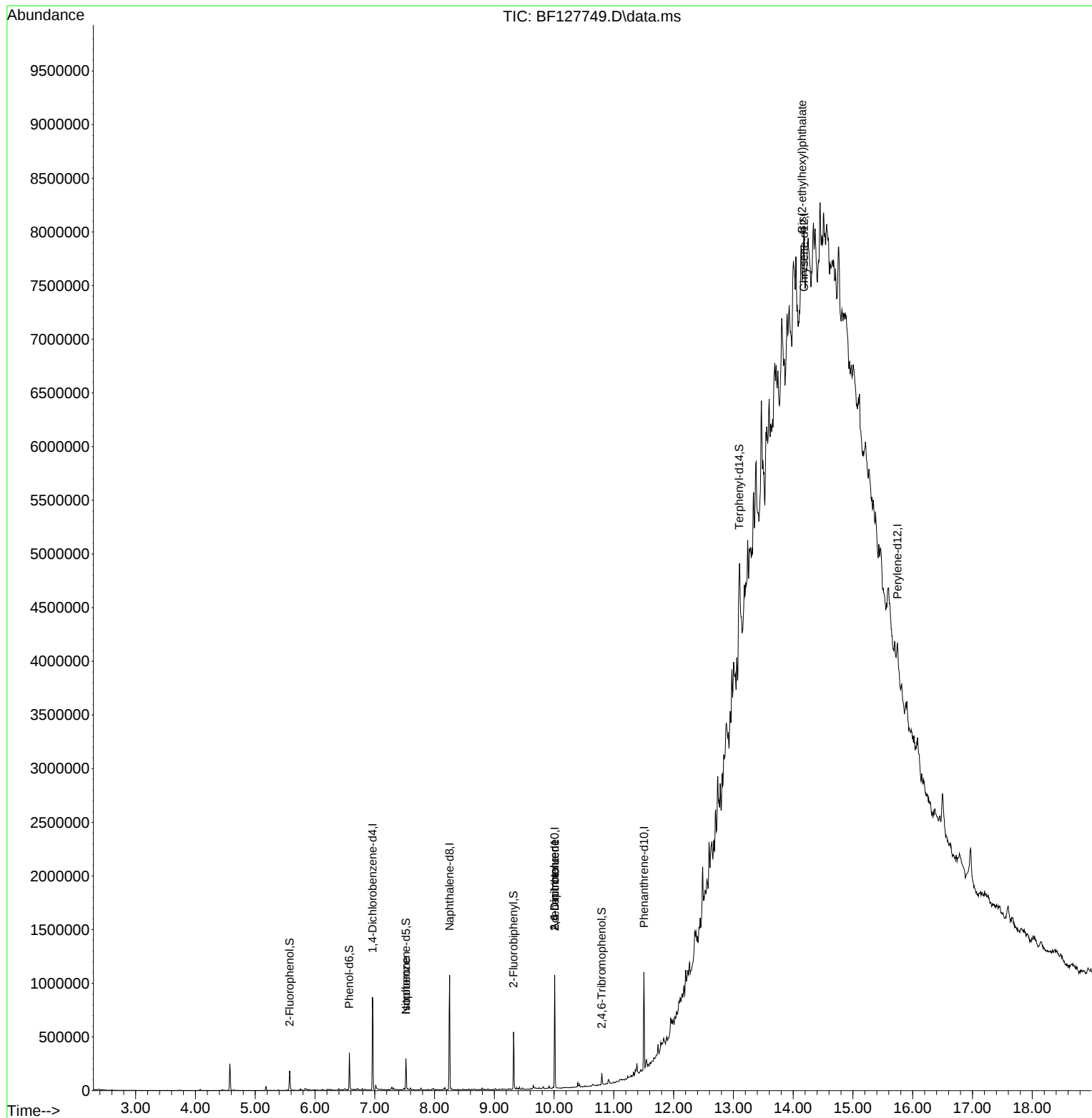
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121076	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	398982	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	194232	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	303132	20.000	ng	0.00
76) Chrysene-d12	14.180	240	191638	20.000	ng	# 0.02
86) Perylene-d12	15.745	264	146579	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	48614	6.524	ng	0.00
7) Phenol-d6	6.575	99	95784	9.826	ng	0.00
23) Nitrobenzene-d5	7.522	82	78512	8.773	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	11286	5.460	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	152133	11.080	ng	0.00
79) Terphenyl-d14	13.098	244	111443	9.599	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	658	Below Cal	#	68
25) Isophorone	7.522	82	78512	5.028	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	25647	9.664	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	25647	7.795	ng	# 14
84) Bis(2-ethylhexyl)phtha...	14.151	149	33589	3.955	ng	# 75

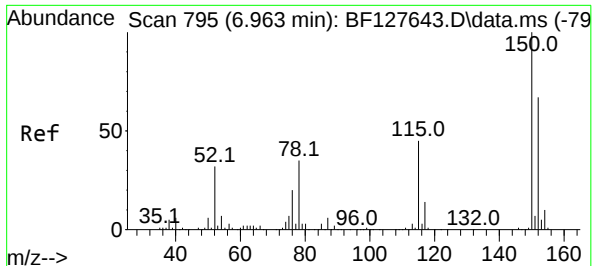
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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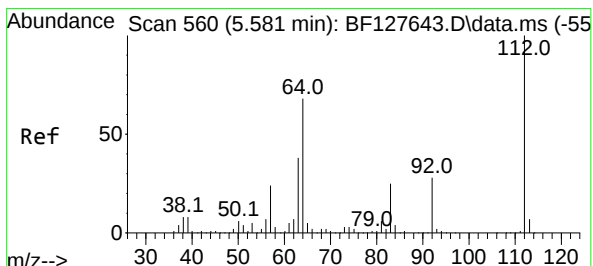
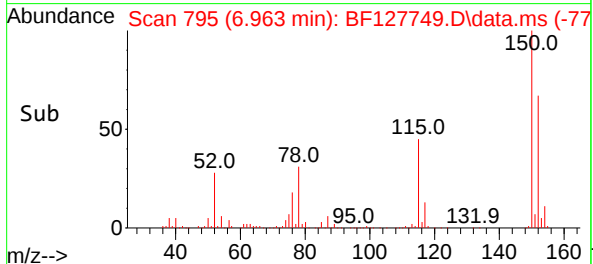
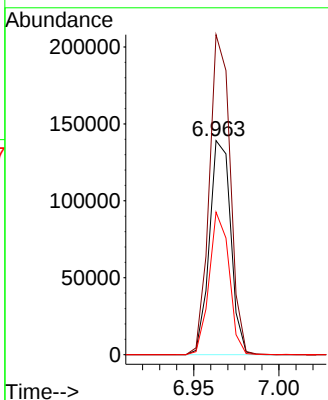
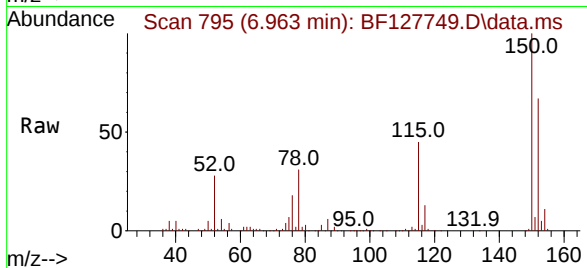




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127749.D
 Acq: 11 Apr 2022 20:18

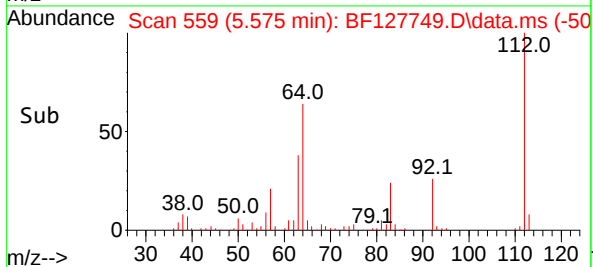
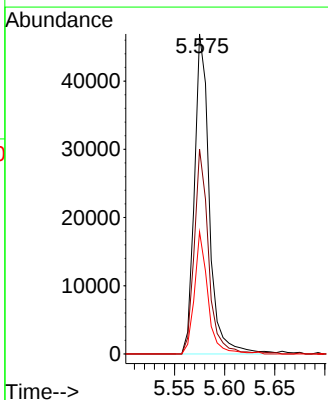
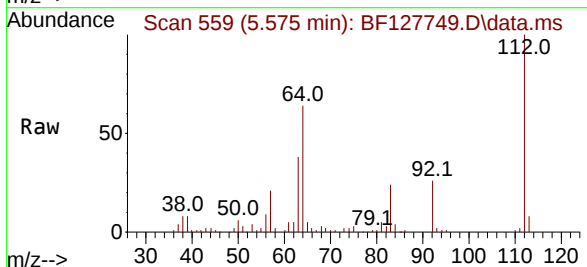
Instrument :
 BNA_F
 ClientSampleId :
 DEL-8D

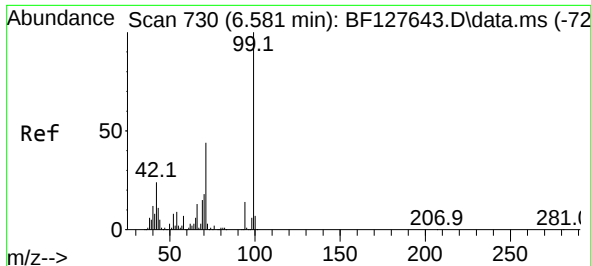
Tgt Ion:152 Resp: 121076
 Ion Ratio Lower Upper
 152 100
 150 149.5 117.2 175.8
 115 66.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 6.524 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127749.D
 Acq: 11 Apr 2022 20:18

Tgt Ion:112 Resp: 48614
 Ion Ratio Lower Upper
 112 100
 64 64.0 58.4 87.6
 63 38.2 30.1 45.1

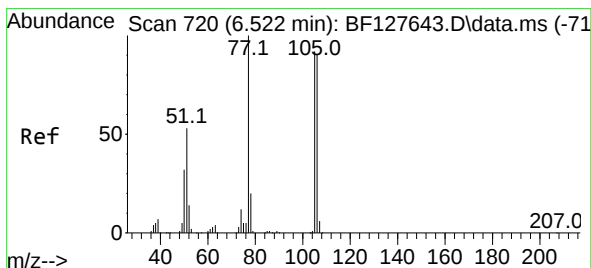
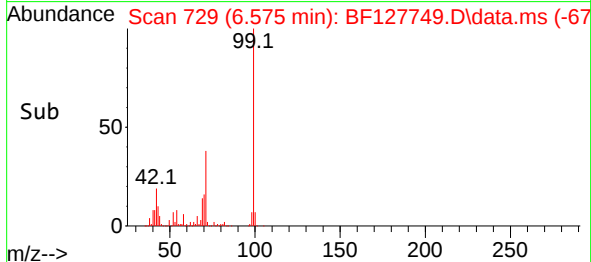
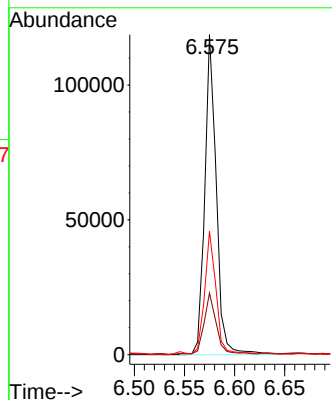
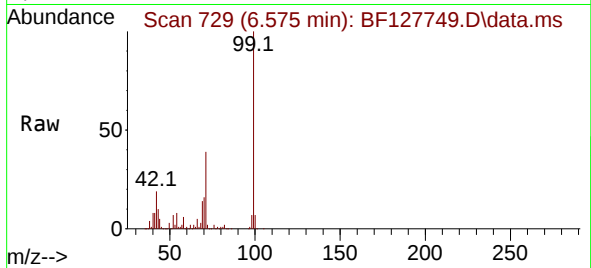




#7
Phenol-d6
Concen: 9.826 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

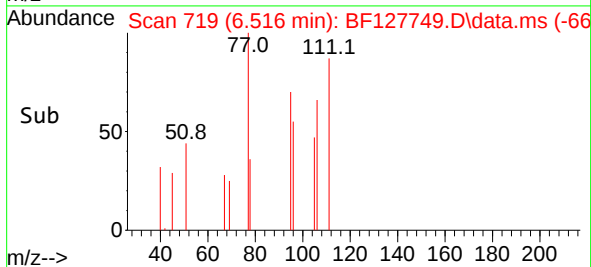
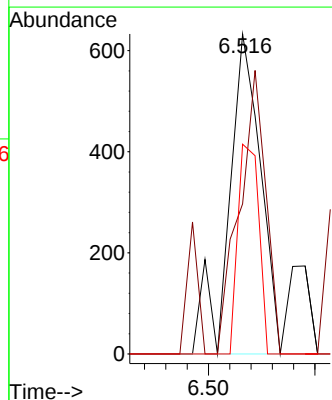
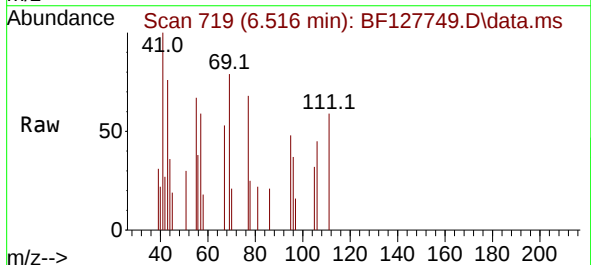
Instrument :
BNA_F
ClientSampleId :
DEL-8D

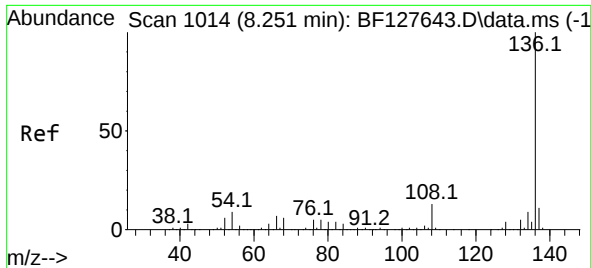
Tgt Ion: 99 Resp: 95784
Ion Ratio Lower Upper
99 100
42 19.2 17.8 26.6
71 38.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 77 Resp: 658
Ion Ratio Lower Upper
77 100
105 46.9 66.8 106.8#
106 65.6 64.3 104.3

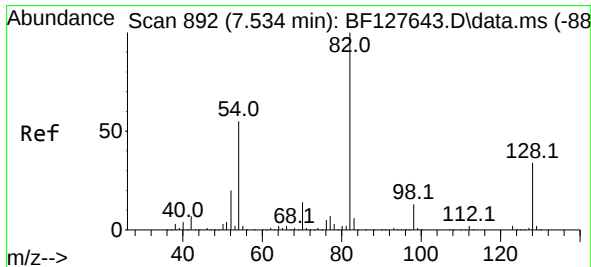
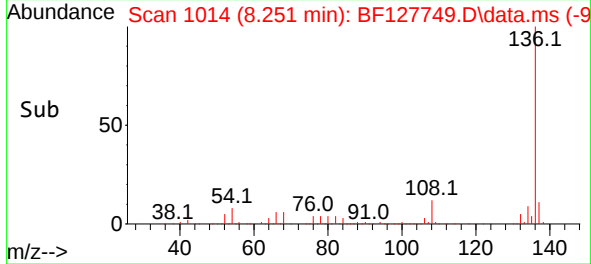
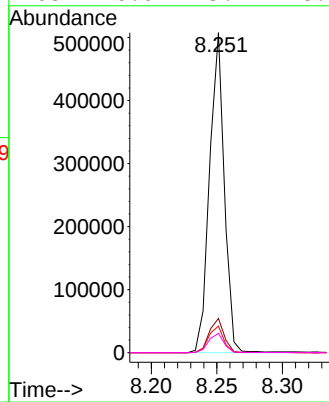
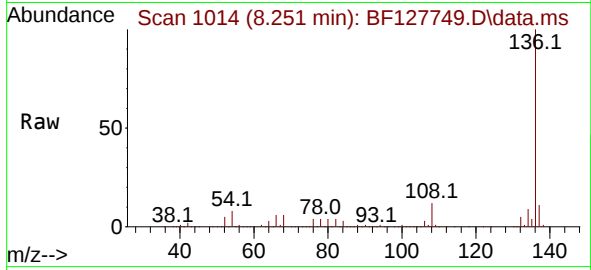




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

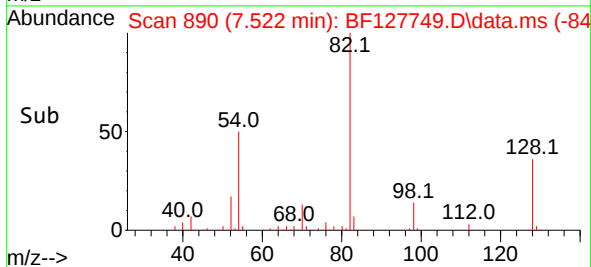
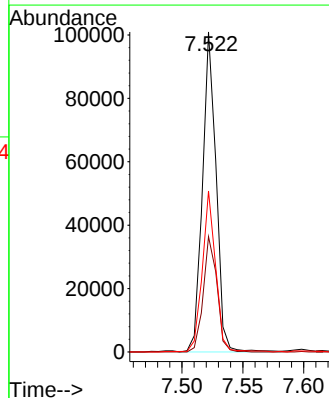
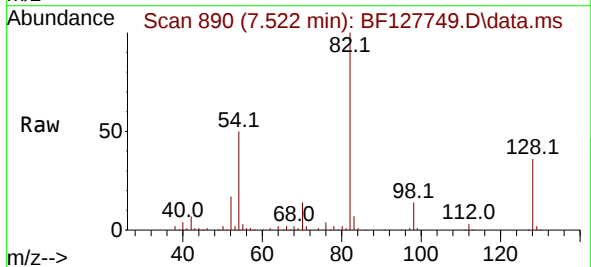
Instrument :
BNA_F
ClientSampleId :
DEL-8D

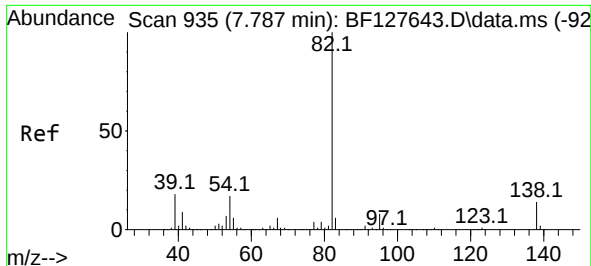
Tgt Ion:136 Resp: 398982
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 9.2 13.8#
68 6.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 8.773 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 82 Resp: 78512
Ion Ratio Lower Upper
82 100
128 36.1 30.6 45.8
54 50.3 48.2 72.2

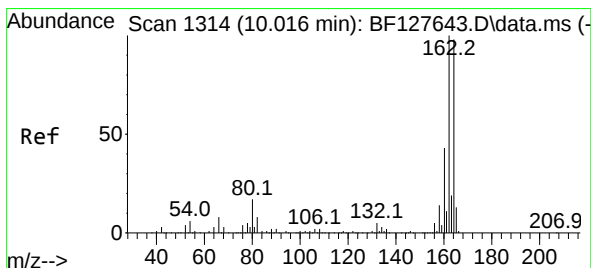
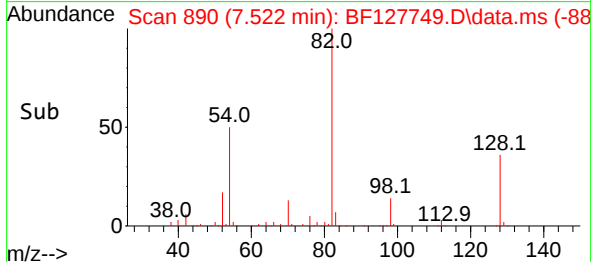
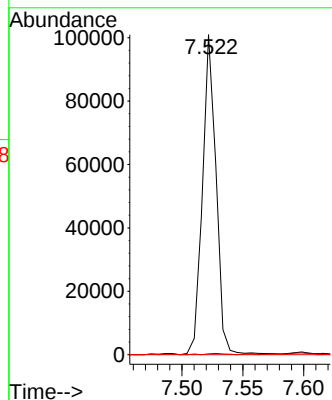
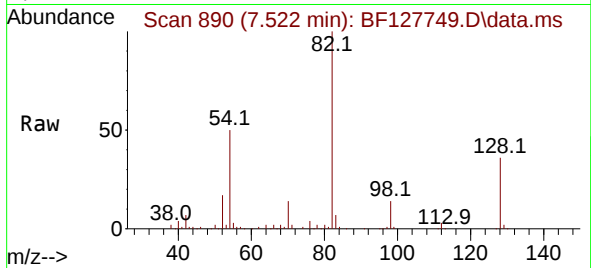




#25
Isophorone
Concen: 5.028 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

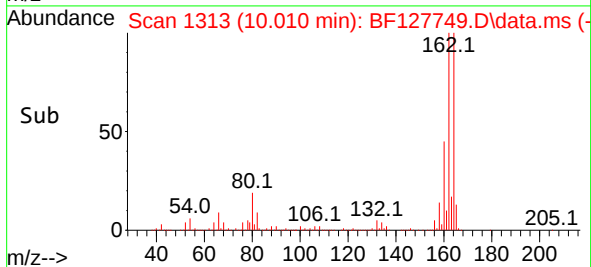
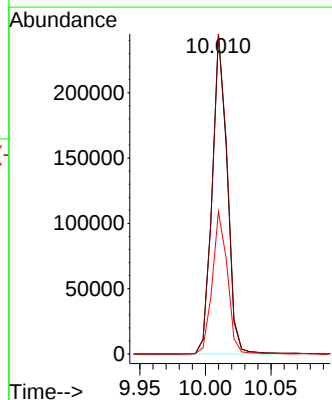
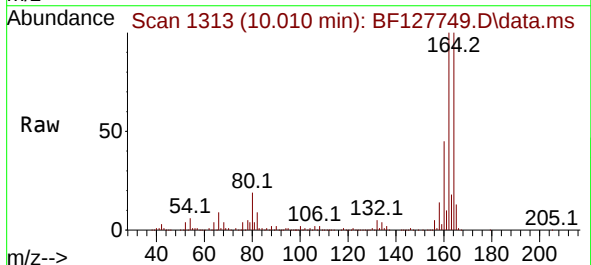
Instrument :
BNA_F
ClientSampleId :
DEL-8D

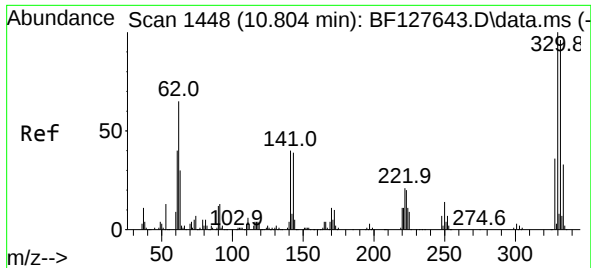
Tgt Ion: 82 Resp: 78512
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

Tgt Ion:164 Resp: 194232
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 44.5 34.6 52.0

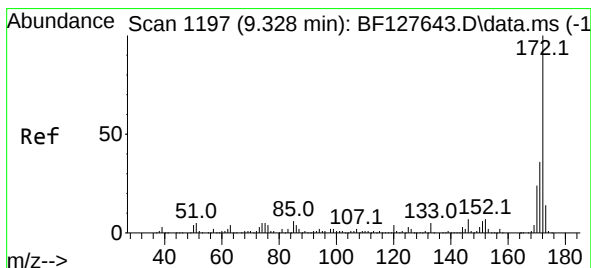
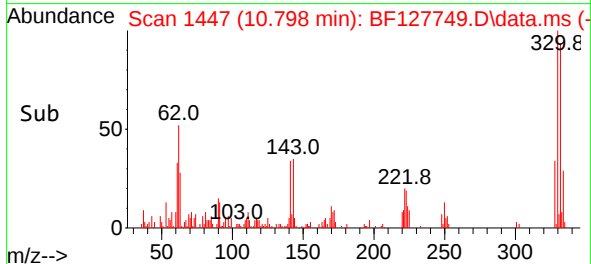
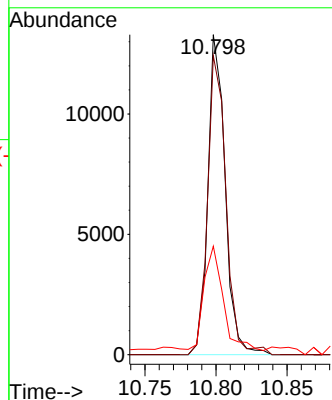
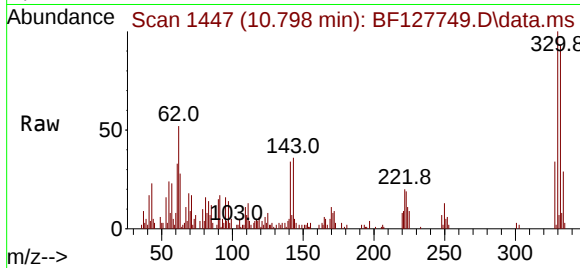




#42
2,4,6-Tribromophenol
Concen: 5.460 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

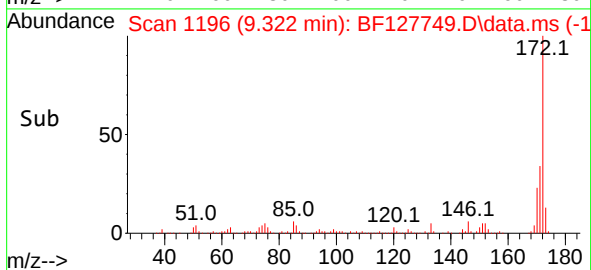
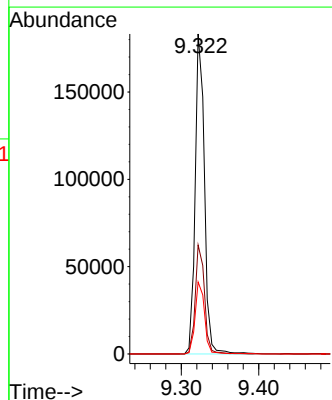
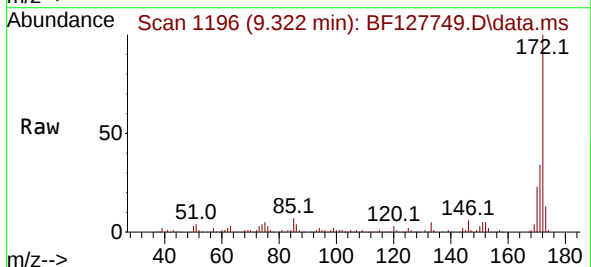
Instrument :
BNA_F
ClientSampleId :
DEL-8D

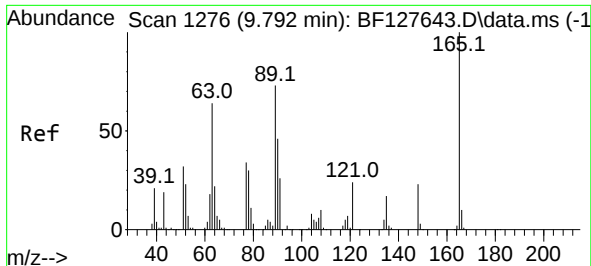
Tgt Ion: 330 Resp: 11286
Ion Ratio Lower Upper
330 100
332 99.8 79.1 118.7
141 35.8 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 11.080 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

Tgt Ion: 172 Resp: 152133
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 22.5 18.6 27.8

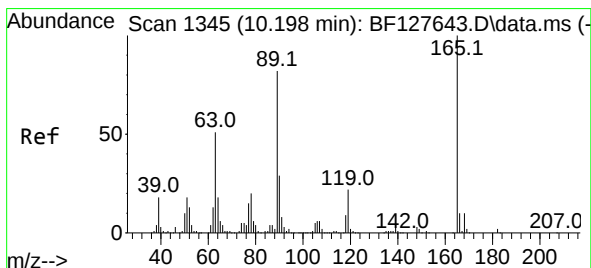
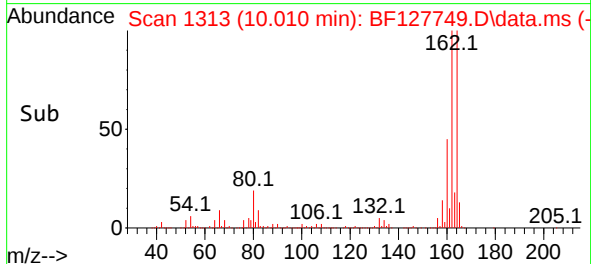
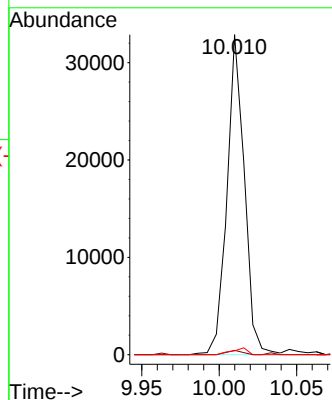
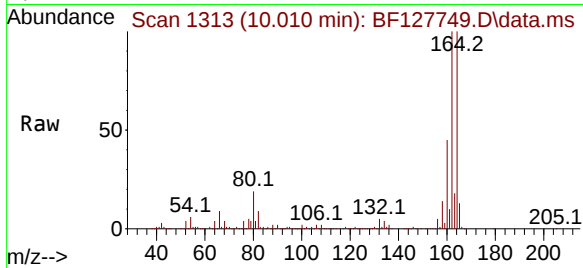




#51
2,6-Dinitrotoluene
Concen: 9.664 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

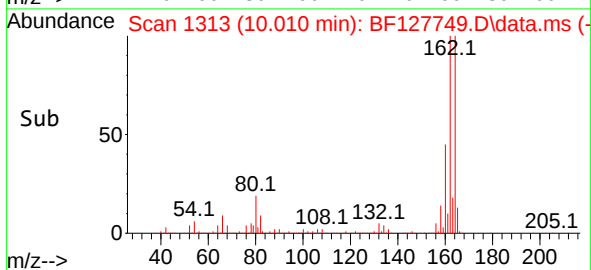
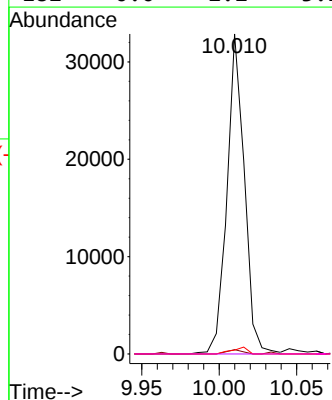
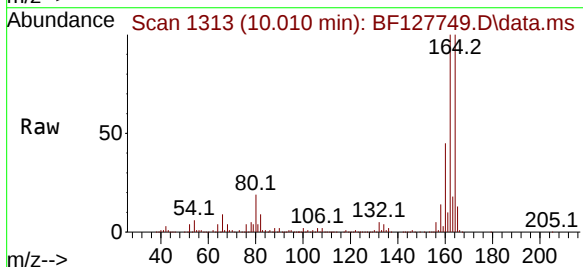
Instrument :
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ClientSampleId :
DEL-8D

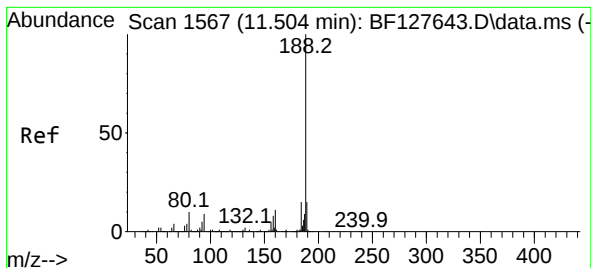
Tgt Ion:165 Resp: 25647
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.2 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.795 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127749.D
Acq: 11 Apr 2022 20:18

Tgt Ion:165 Resp: 25647
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127749.D

Acq: 11 Apr 2022 20:18

Instrument :

BNA_F

ClientSampleId :

DEL-8D

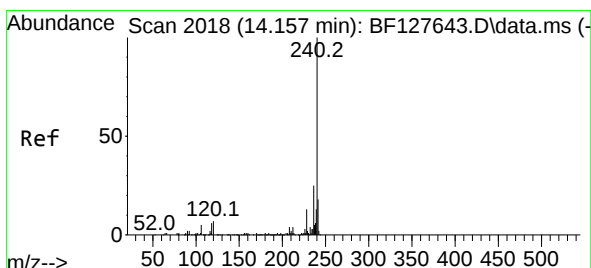
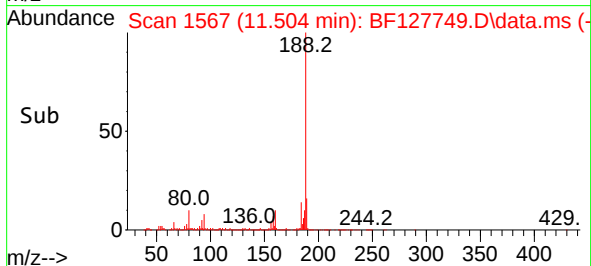
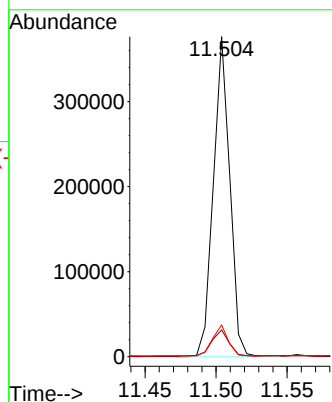
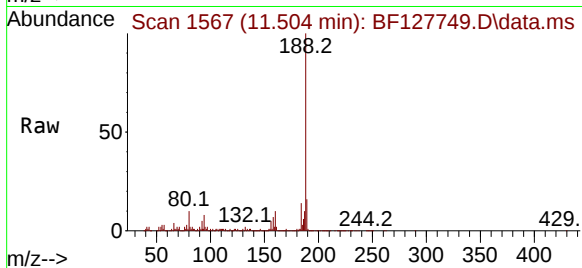
Tgt Ion:188 Resp: 303132

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.0

80 9.9 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 2022

Delta R.T. 0.024 min

Lab File: BF127749.D

Acq: 11 Apr 2022 20:18

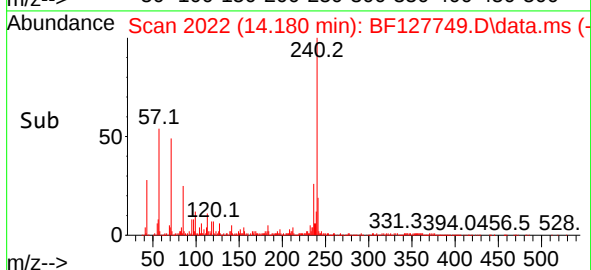
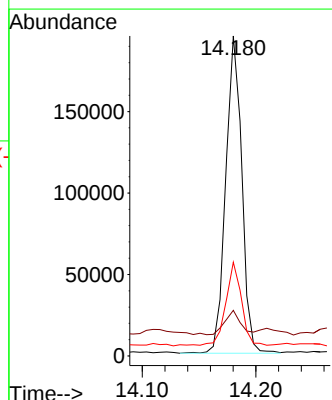
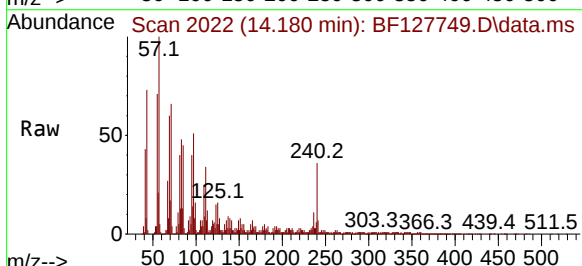
Tgt Ion:240 Resp: 191638

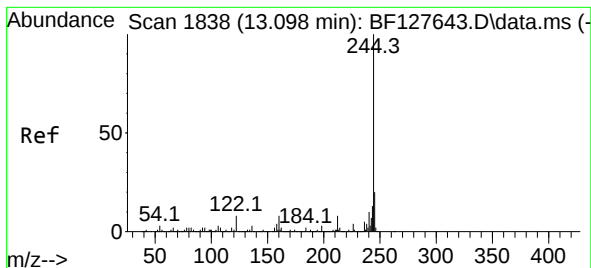
Ion Ratio Lower Upper

240 100

120 14.3 7.1 10.7#

236 29.3 20.7 31.1





#79

Terphenyl-d14

Concen: 9.599 ng

RT: 13.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127749.D

Acq: 11 Apr 2022 20:18

Instrument :

BNA_F

ClientSampleId :

DEL-8D

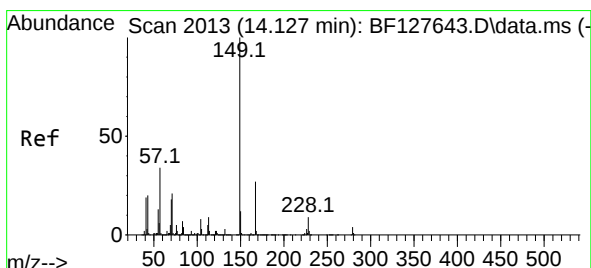
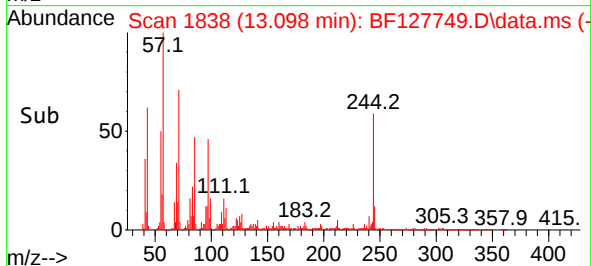
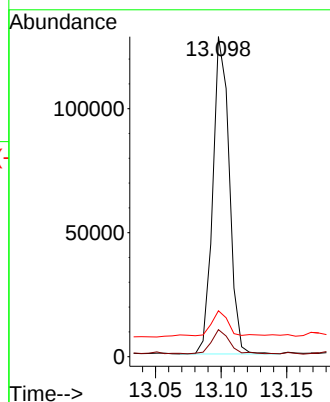
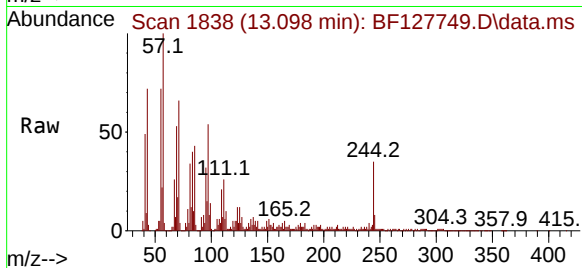
Tgt Ion:244 Resp: 111443

Ion Ratio Lower Upper

244 100

212 8.5 5.7 8.5

122 14.3 6.2 9.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.955 ng

RT: 14.151 min Scan# 2017

Delta R.T. 0.024 min

Lab File: BF127749.D

Acq: 11 Apr 2022 20:18

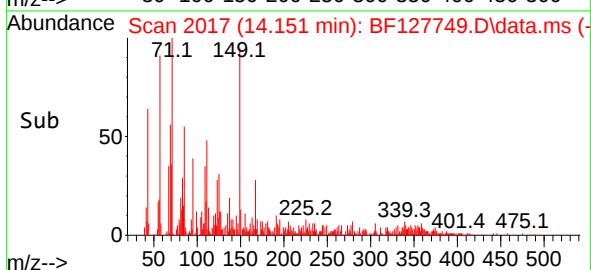
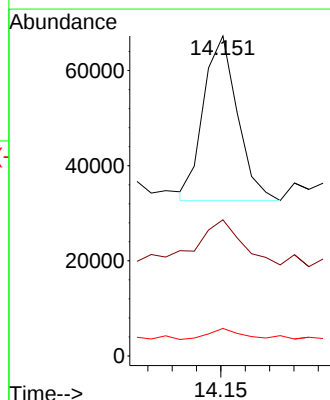
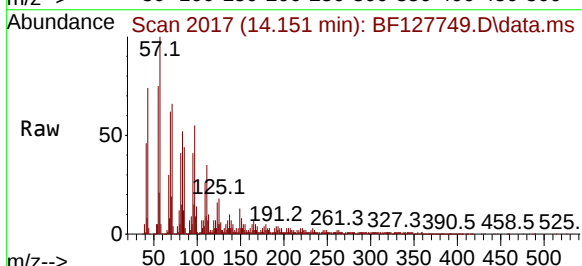
Tgt Ion:149 Resp: 33589

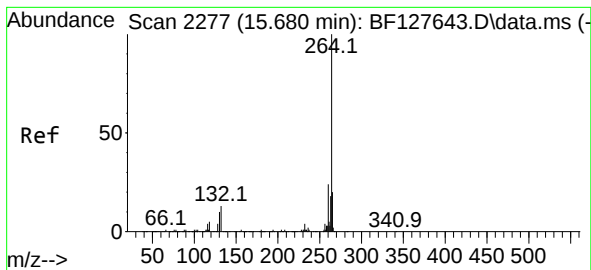
Ion Ratio Lower Upper

149 100

167 42.5 22.9 34.3#

279 8.6 3.2 4.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.745 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF127749.D

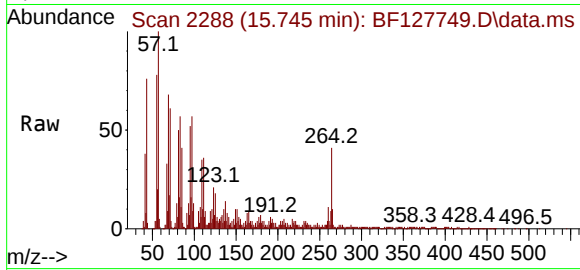
Acq: 11 Apr 2022 20:18

Instrument :

BNA_F

ClientSampleId :

DEL-8D



Tgt Ion:264 Resp: 146579

Ion Ratio Lower Upper

264 100

260 25.7 19.1 28.7

265 25.2 17.4 26.2

