

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128782.D
 Acq On : 13 Jun 2022 14:11
 Operator : CG\JU
 Sample : N3299-04RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-16RE

Quant Time: Jun 14 01:55:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

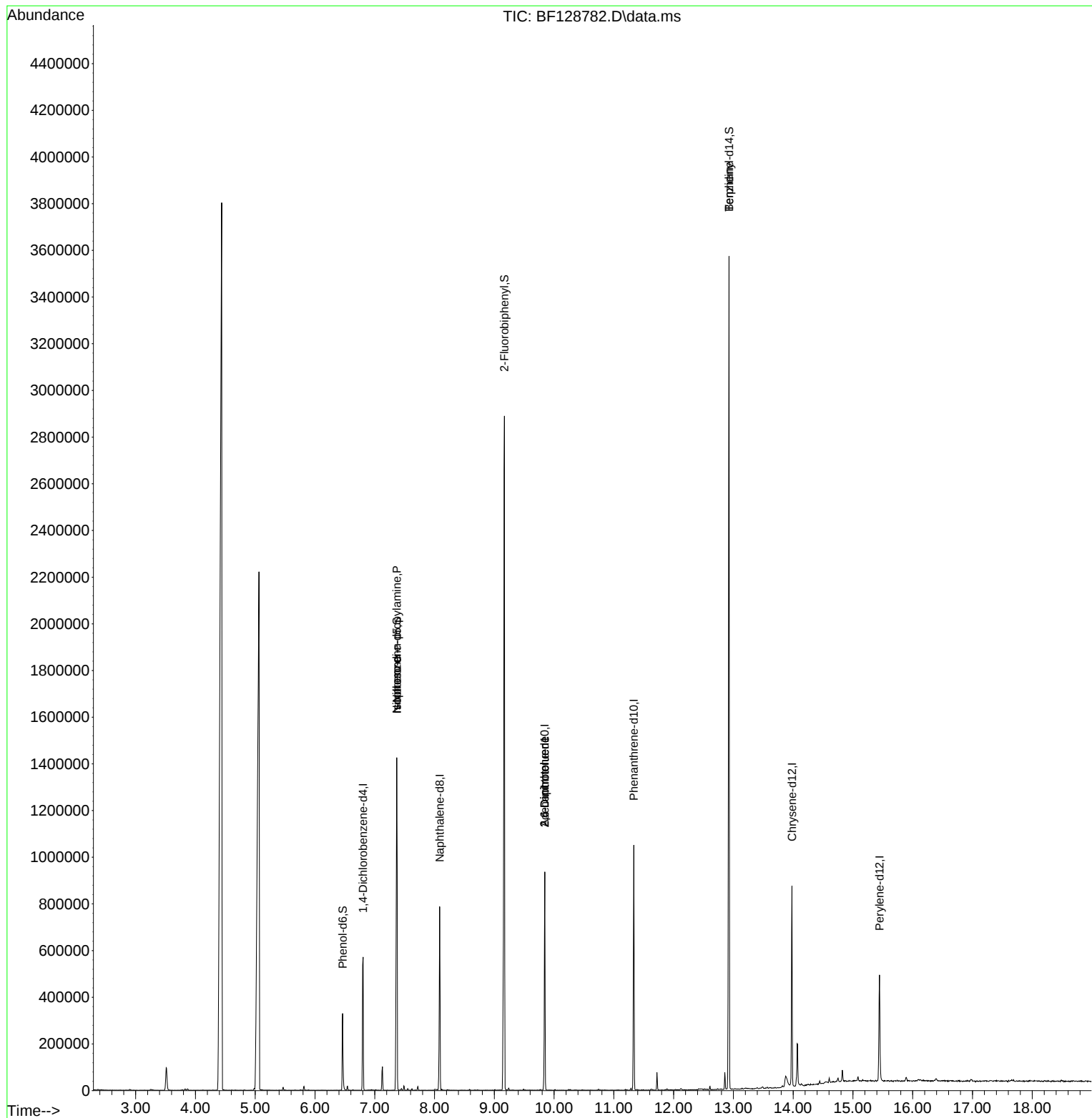
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	82566	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	319684	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	188092	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	365107	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	285135	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	205743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3522	0.679	ng	0.01
7) Phenol-d6	6.463	99	102345	16.175	ng	-0.02
23) Nitrobenzene-d5	7.369	82	508963	74.125	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.169	172	1023029	76.189	ng	0.00
79) Terphenyl-d14	12.927	244	1256770	76.589	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	72671	18.472	ng	# 76
25) Isophorone	7.369	82	507273	48.644	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	24049	9.464	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	24049	7.092	ng	# 21
77) Benzidine	12.927	184	18038	3.173	ng	# 93

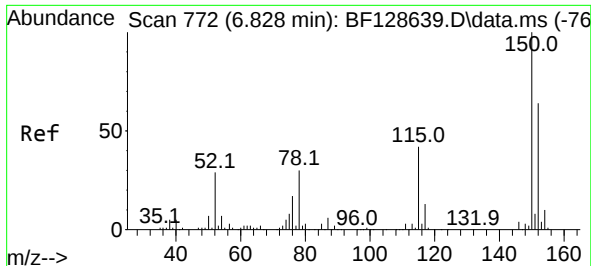
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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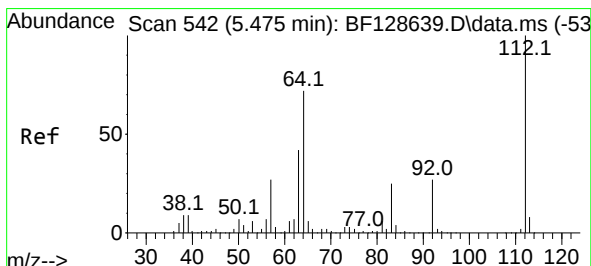
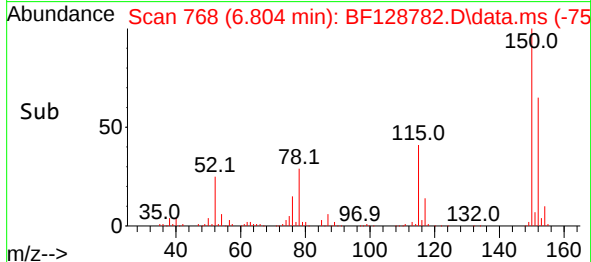
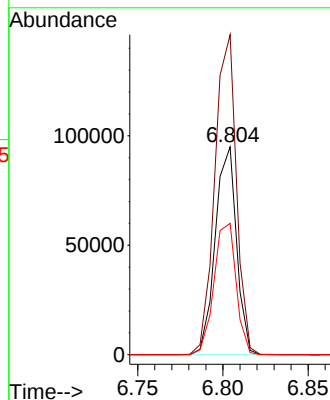
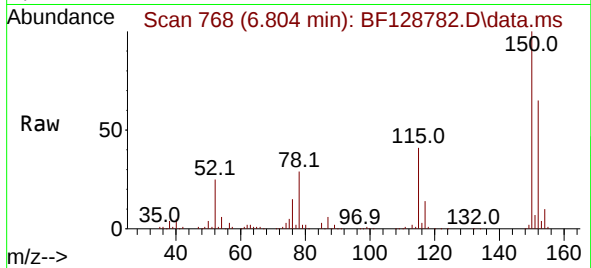




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

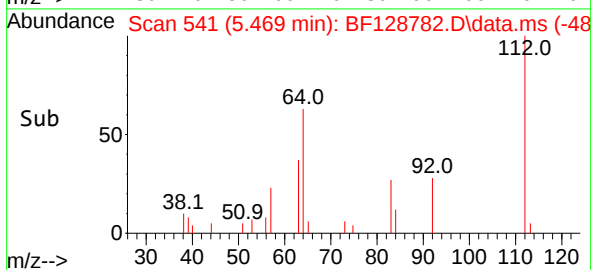
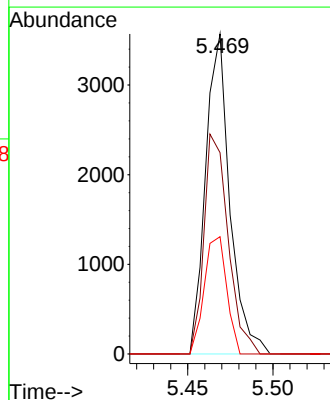
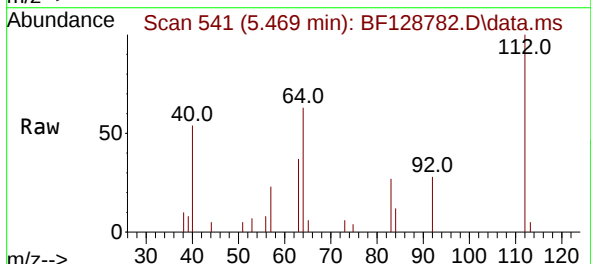
Instrument :
BNA_F
ClientSampleId :
SC-16RE

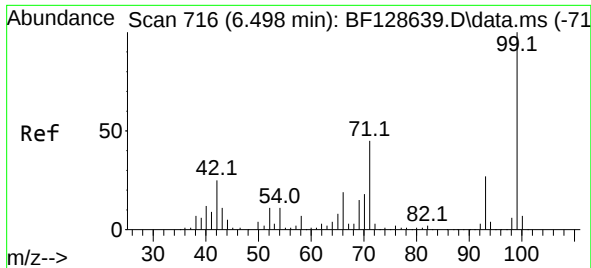
Tgt Ion:152 Resp: 82566
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 0.679 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.011 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

Tgt Ion:112 Resp: 3522
Ion Ratio Lower Upper
112 100
64 62.9 53.3 79.9
63 36.6 28.0 42.0

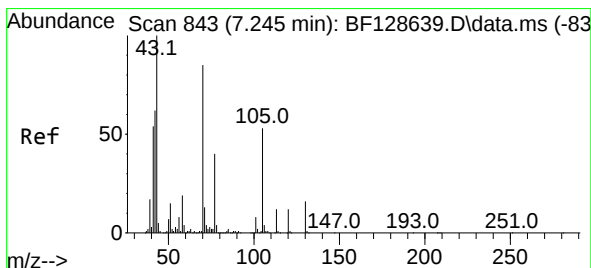
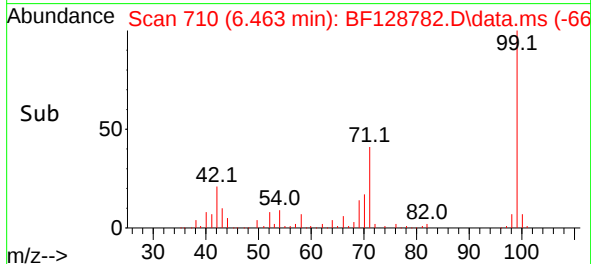
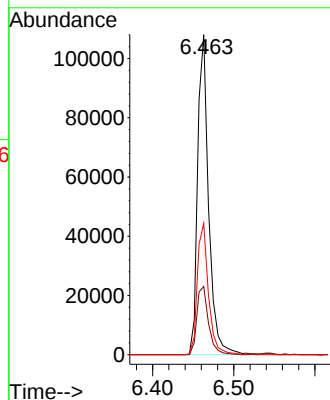
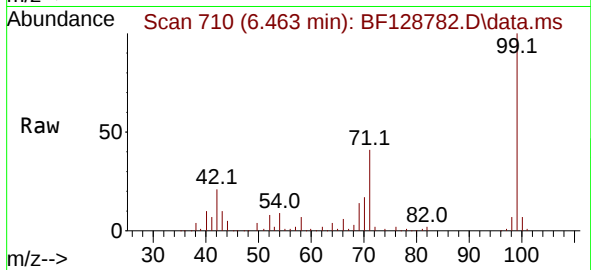




#7
Phenol-d6
Concen: 16.175 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

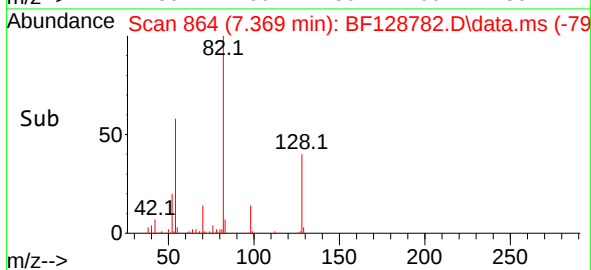
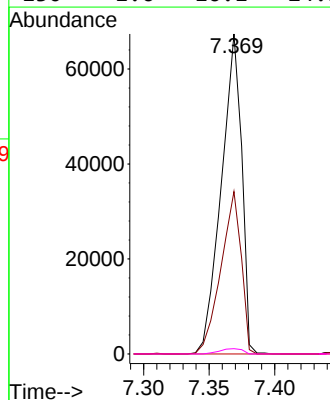
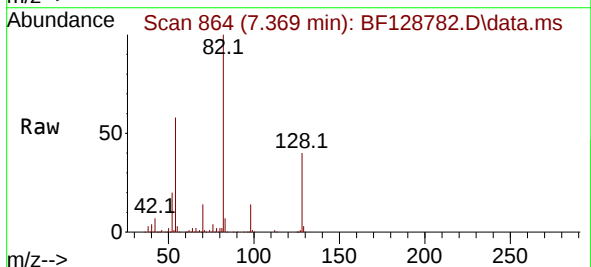
Instrument :
BNA_F
ClientSampleId :
SC-16RE

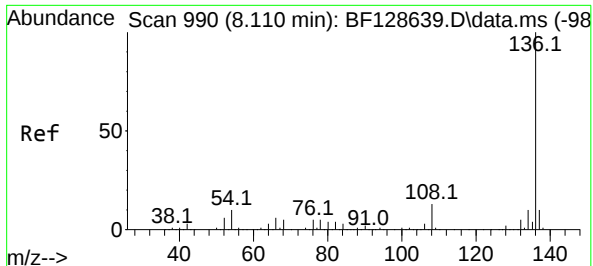
Tgt Ion: 99 Resp: 102345
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 41.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.472 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

Tgt Ion: 70 Resp: 72671
Ion Ratio Lower Upper
70 100
42 50.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.086 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128782.D

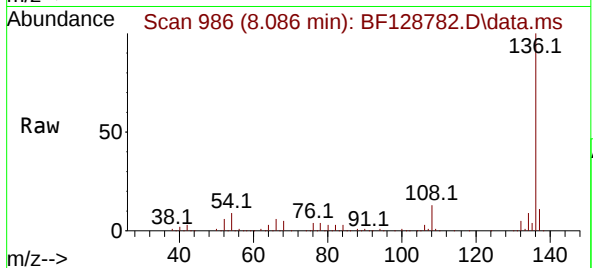
Acq: 13 Jun 2022 14:11

Instrument :

BNA_F

ClientSampleId :

SC-16RE



Tgt Ion:136 Resp: 319684

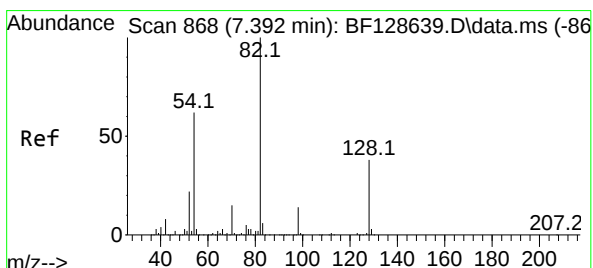
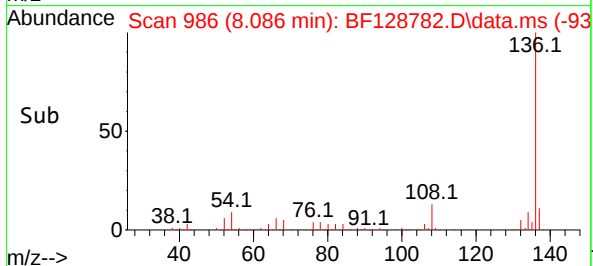
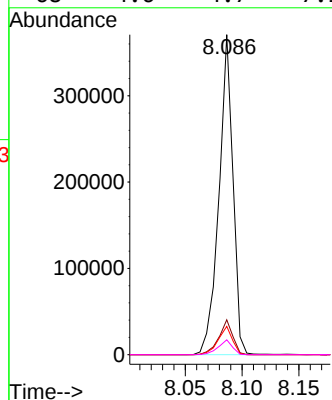
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.9 7.5 11.3

68 4.6 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 74.125 ng

RT: 7.369 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF128782.D

Acq: 13 Jun 2022 14:11

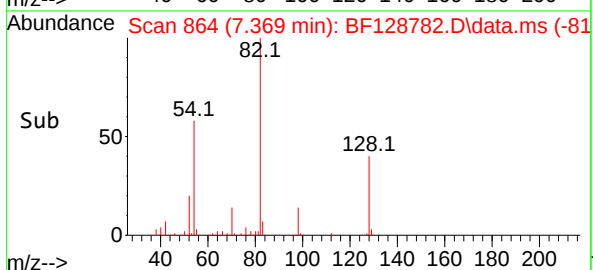
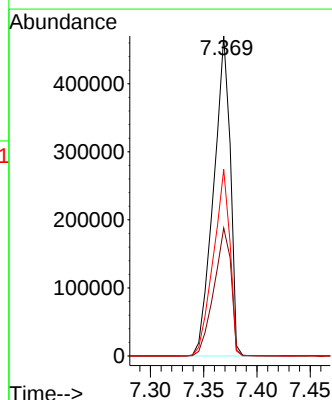
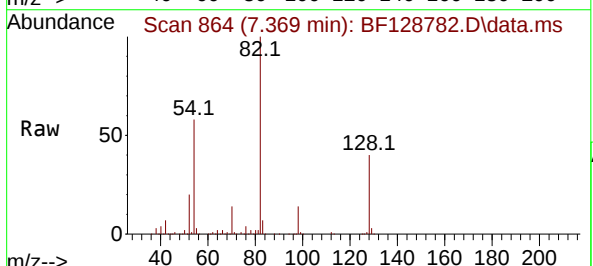
Tgt Ion: 82 Resp: 508963

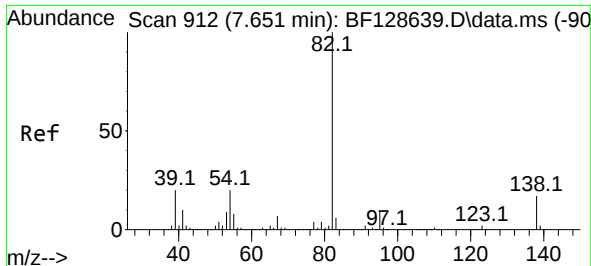
Ion Ratio Lower Upper

82 100

128 40.0 34.0 51.0

54 58.3 46.9 70.3

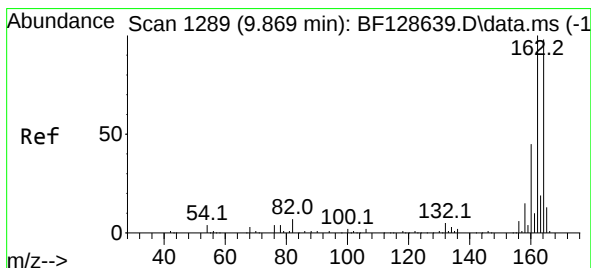
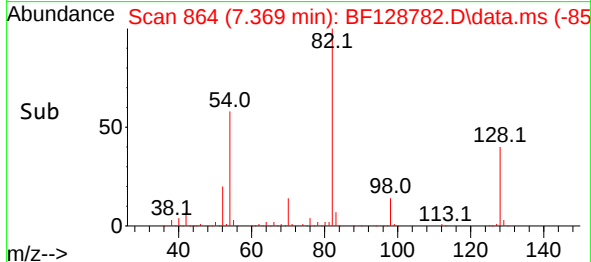
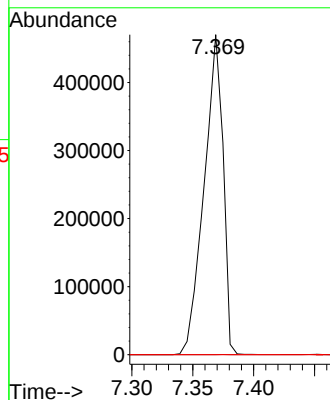
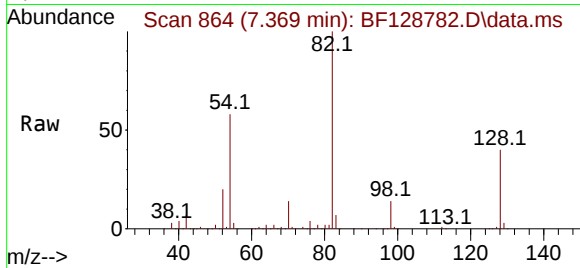




#25
Isophorone
Concen: 48.644 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

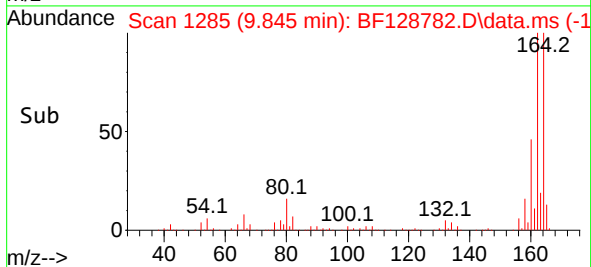
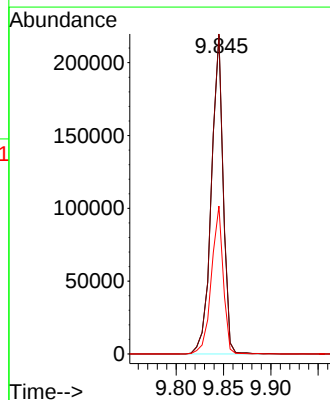
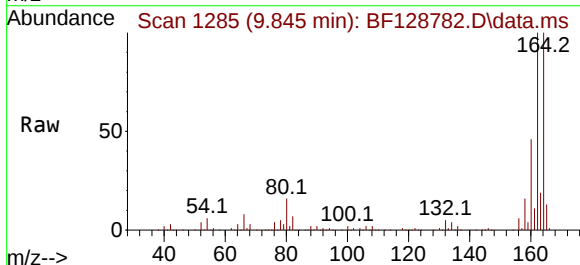
Instrument :
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SC-16RE

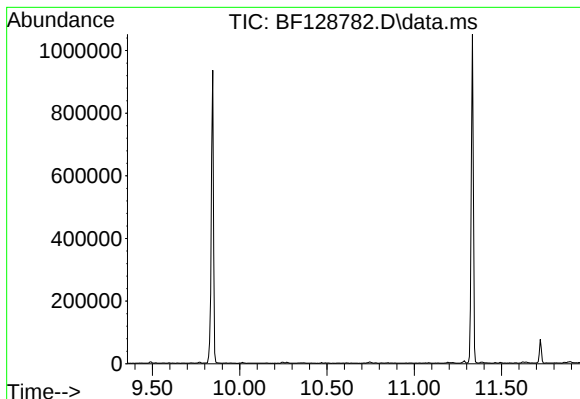
Tgt Ion: 82 Resp: 507273
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

Tgt Ion:164 Resp: 188092
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 46.5 34.2 51.4

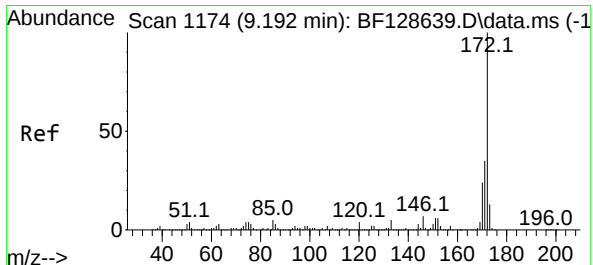
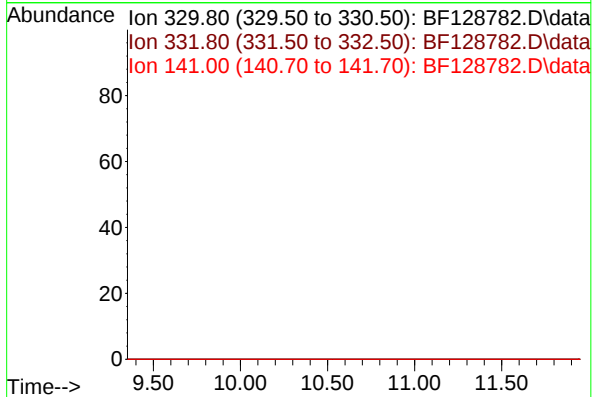




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF128782.D
 Acq: 13 Jun 2022 14:11

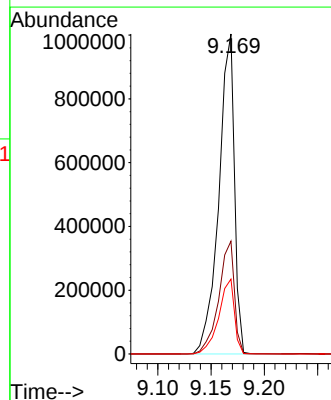
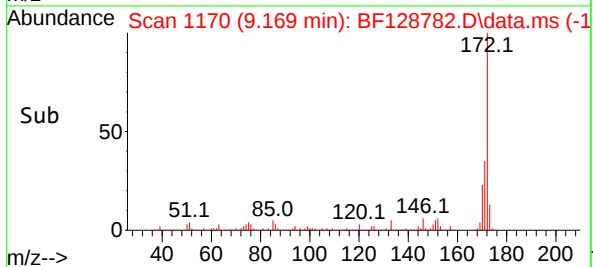
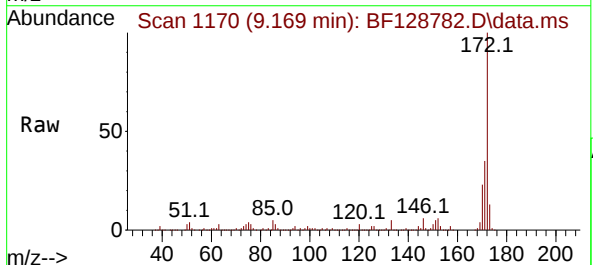
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 SC-16RE

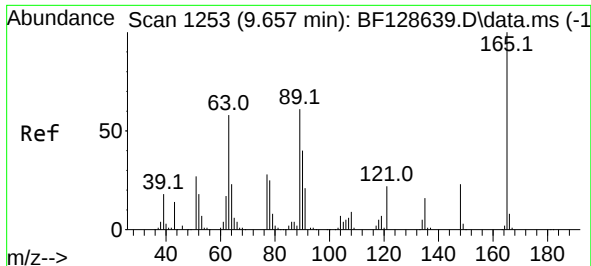
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 35.0



#45
 2-Fluorobiphenyl
 Concen: 76.189 ng
 RT: 9.169 min Scan# 1170
 Delta R.T. -0.006 min
 Lab File: BF128782.D
 Acq: 13 Jun 2022 14:11

Tgt Ion: 172 Resp: 1023029
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.4 19.8 29.8

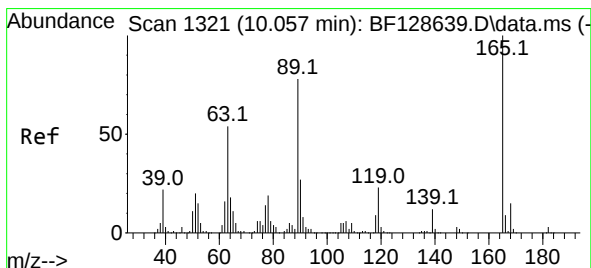
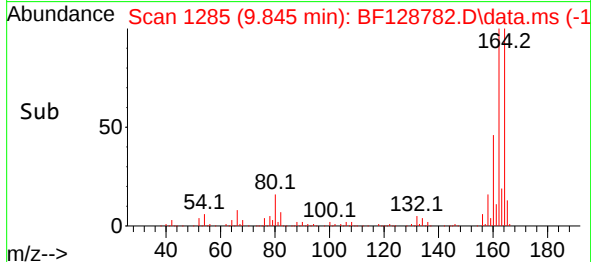
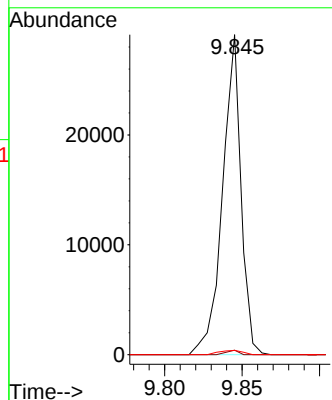
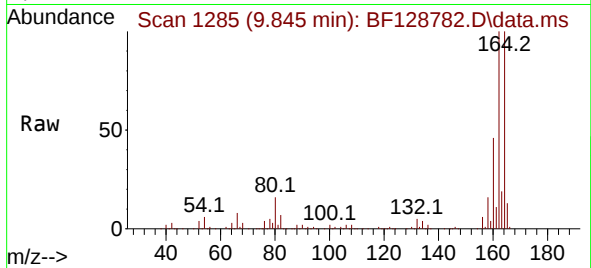




#51
2,6-Dinitrotoluene
Concen: 9.464 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

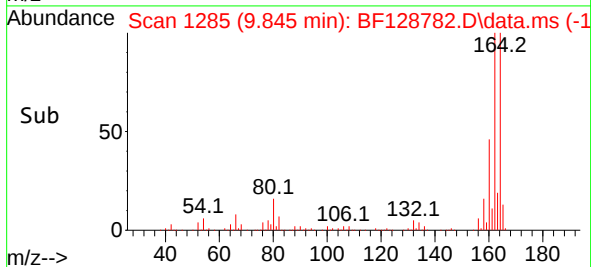
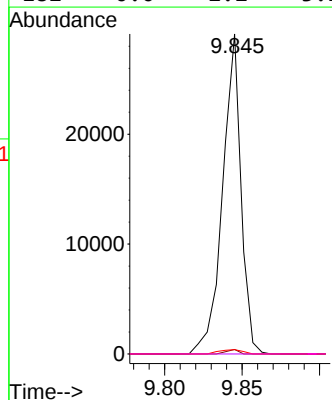
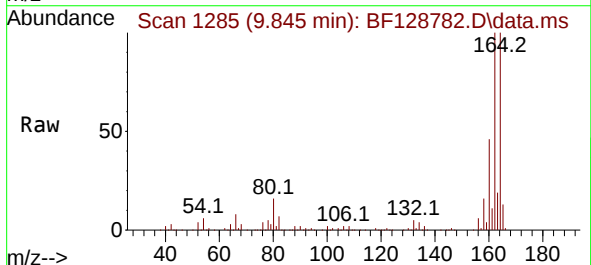
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SC-16RE

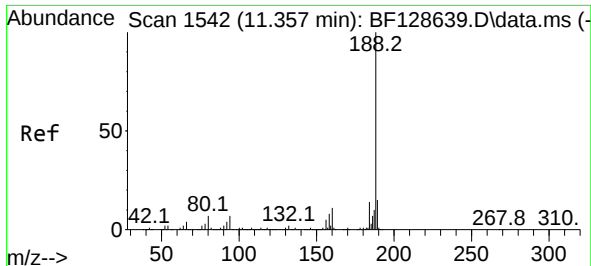
Tgt Ion:165 Resp: 24049
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.200 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

Tgt Ion:165 Resp: 24049
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

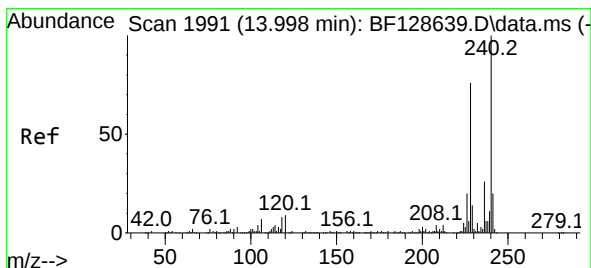
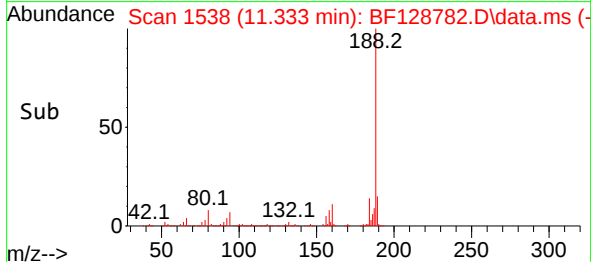
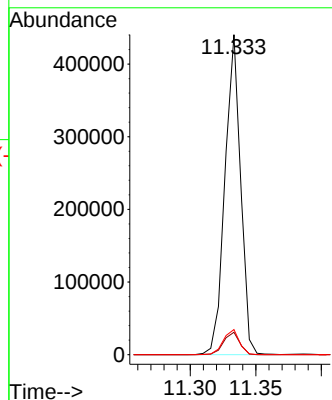
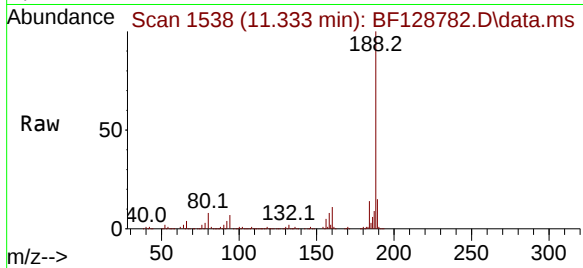




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

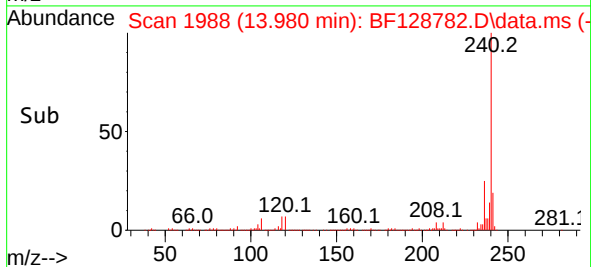
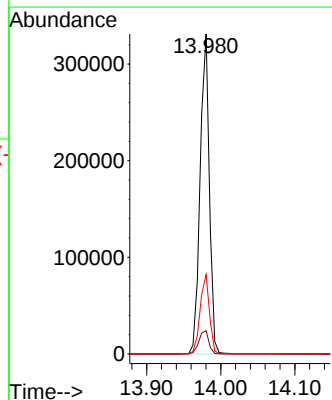
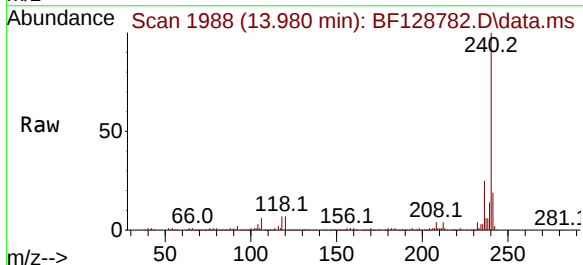
Instrument :
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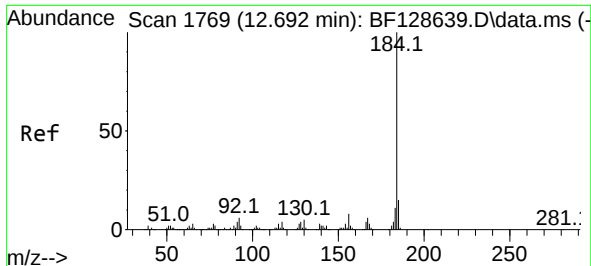
Tgt Ion:188 Resp: 365107
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

Tgt Ion:240 Resp: 285135
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 24.8 20.8 31.2

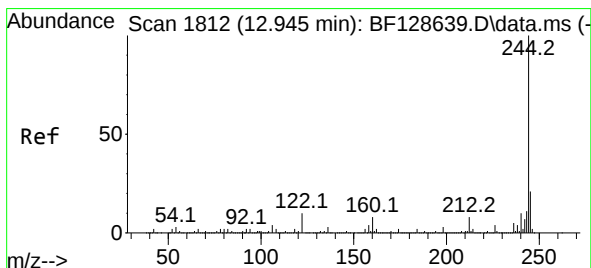
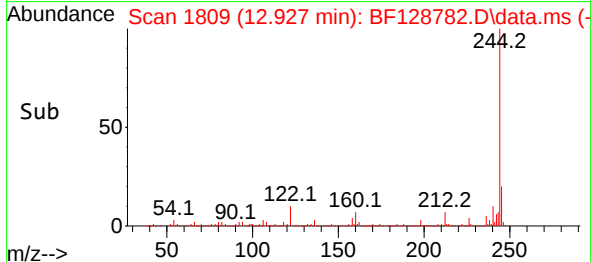
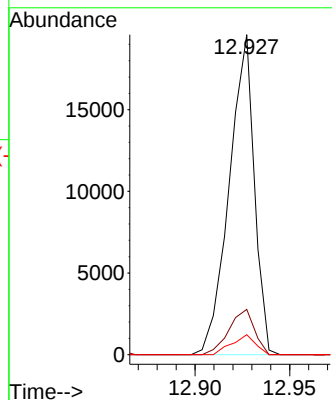
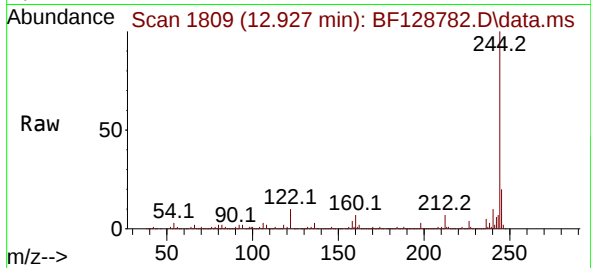




#77
Benzidine
Concen: 3.173 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

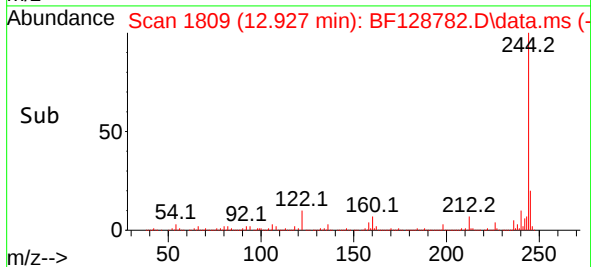
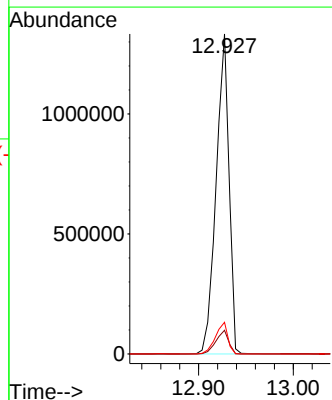
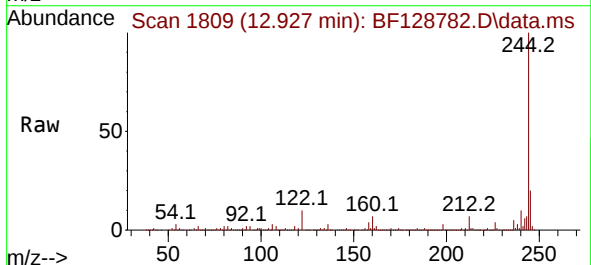
Instrument :
BNA_F
ClientSampleId :
SC-16RE

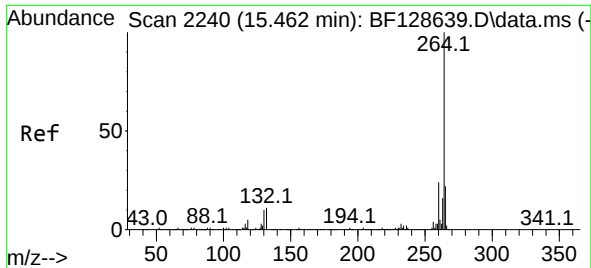
Tgt Ion:184 Resp: 18038
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.589 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF128782.D
Acq: 13 Jun 2022 14:11

Tgt Ion:244 Resp: 1256770
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.9 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128782.D

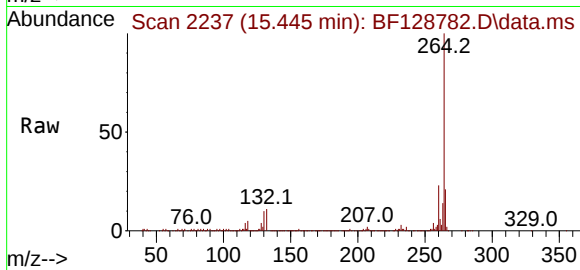
Acq: 13 Jun 2022 14:11

Instrument :

BNA_F

ClientSampleId :

SC-16RE



Tgt Ion:264 Resp: 205743

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 20.7 17.2 25.8

