

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129586.D
 Acq On : 05 Aug 2022 00:19
 Operator : CG\JU
 Sample : N3931-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-127

Quant Time: Aug 05 02:10:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

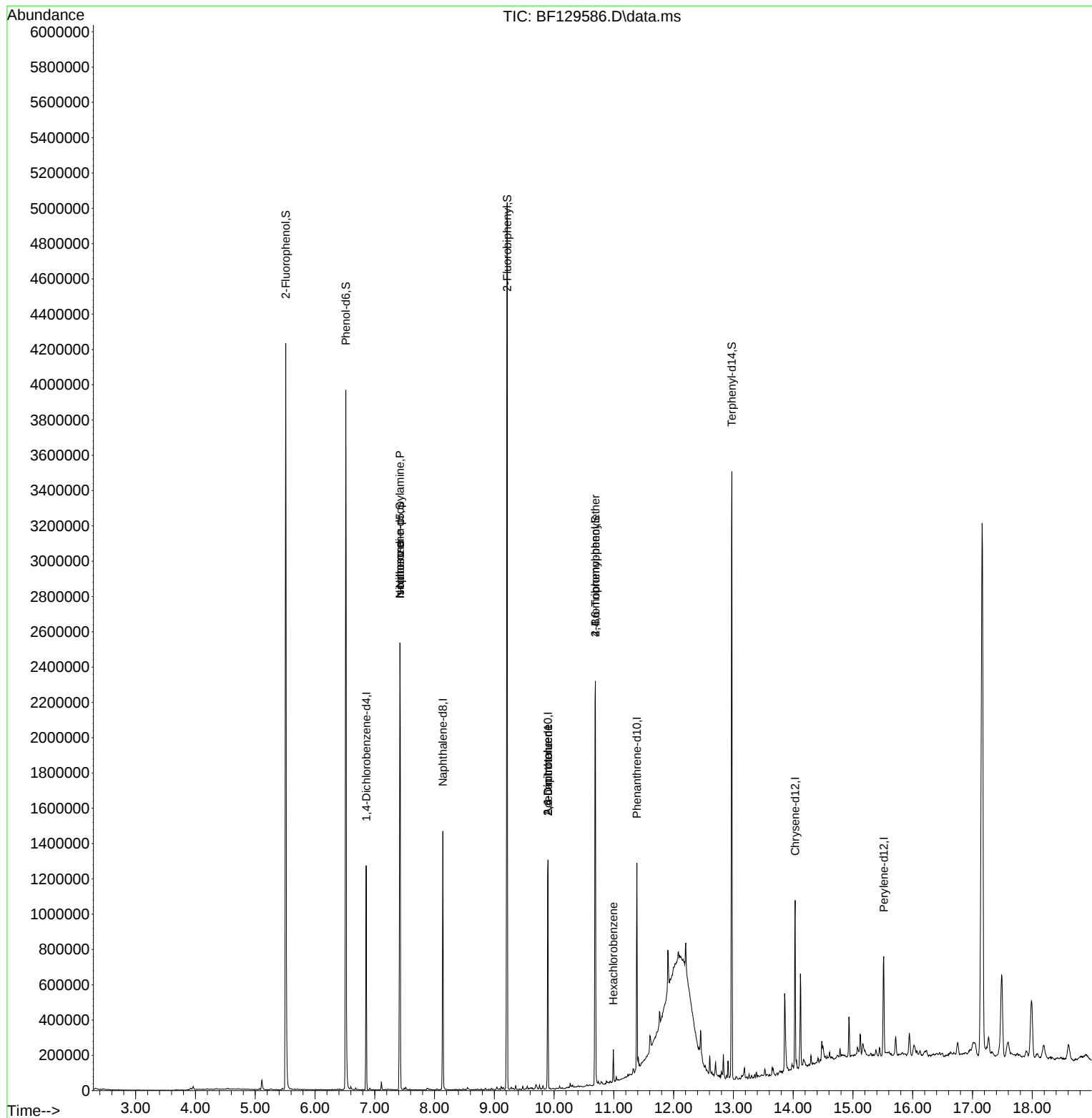
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	164365	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	601681	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	266026	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	377185	20.000	ng	0.00
76) Chrysene-d12	14.033	240	305454	20.000	ng	0.00
86) Perylene-d12	15.515	264	246232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1163561	115.319	ng	0.02
7) Phenol-d6	6.516	99	1394966	109.992	ng	0.00
23) Nitrobenzene-d5	7.422	82	890400	80.783	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	270451	105.742	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1463292	85.091	ng	0.00
79) Terphenyl-d14	12.974	244	1171287	72.342	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	118167	15.391	ng	# 73
25) Isophorone	7.422	82	886292	44.859	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	34281	8.340	ng	# 26
57) 2,4-Dinitrotoluene	9.898	165	34281	6.384	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	16934	4.100	ng	# 1
68) Hexachlorobenzene	10.992	284	20590	4.601	ng	97

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

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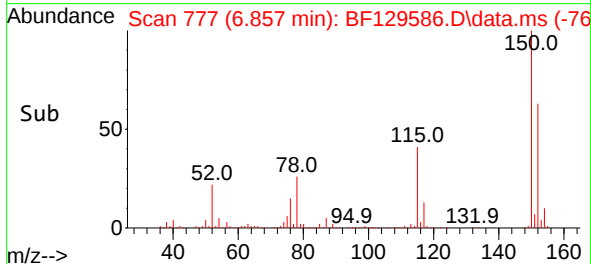
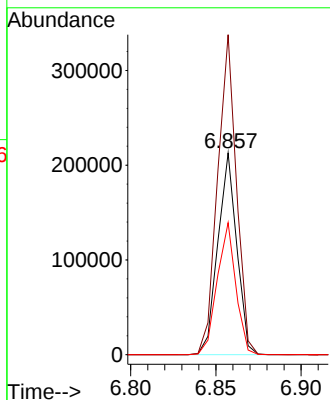
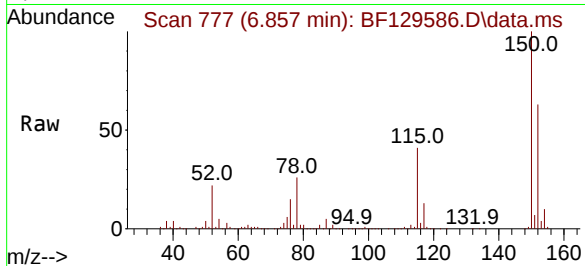




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

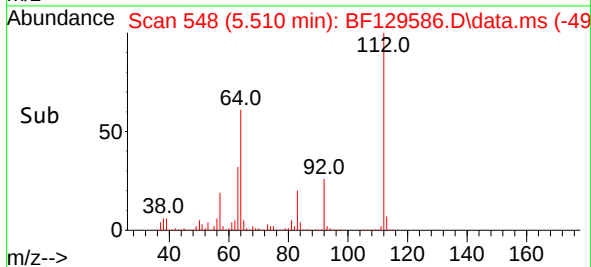
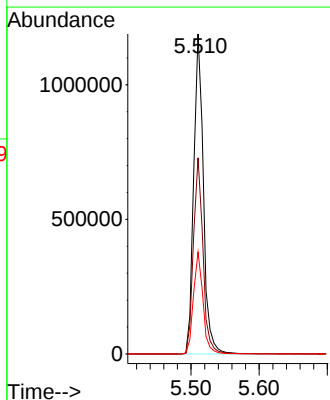
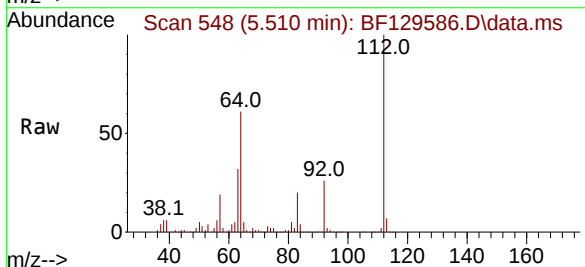
Instrument :
BNA_F
ClientSampleId :
RVE-127

Tgt Ion:152 Resp: 164365
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 115.319 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

Tgt Ion:112 Resp: 1163561
Ion Ratio Lower Upper
112 100
64 61.3 53.3 79.9
63 31.8 28.0 42.0

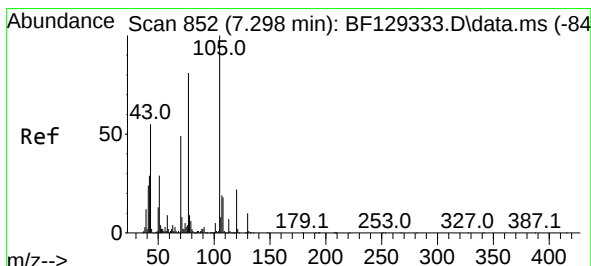
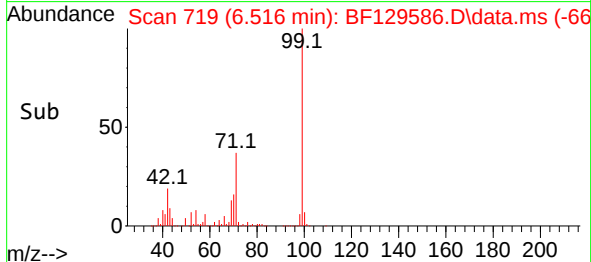
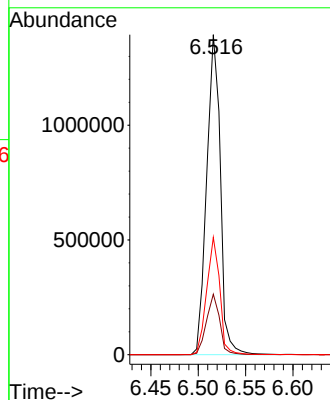
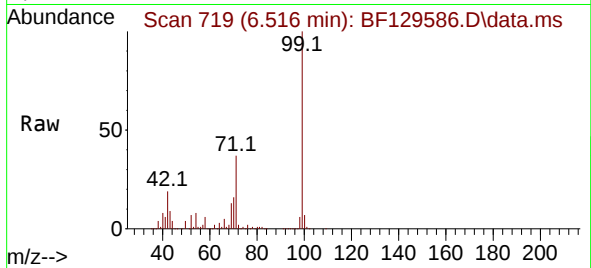




#7
Phenol-d6
Concen: 109.992 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

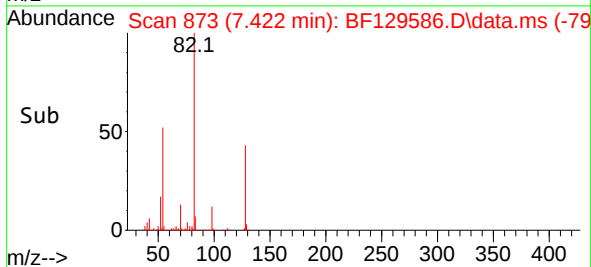
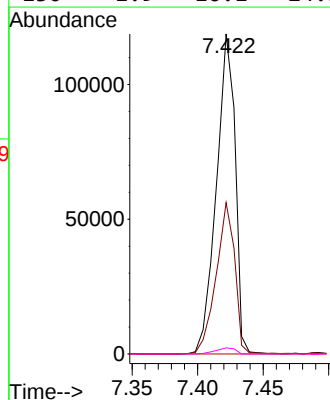
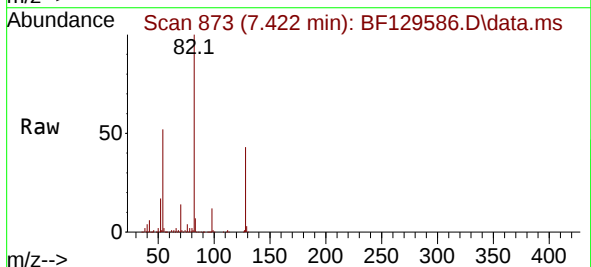
Instrument :
BNA_F
ClientSampleId :
RVE-127

Tgt Ion: 99 Resp: 1394966
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.391 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

Tgt Ion: 70 Resp: 118167
Ion Ratio Lower Upper
70 100
42 47.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129586.D

Acq: 05 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

RVE-127

Tgt Ion:136 Resp: 601681

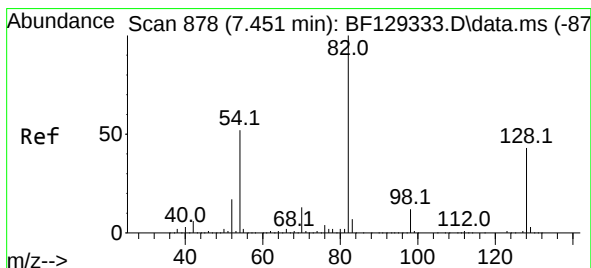
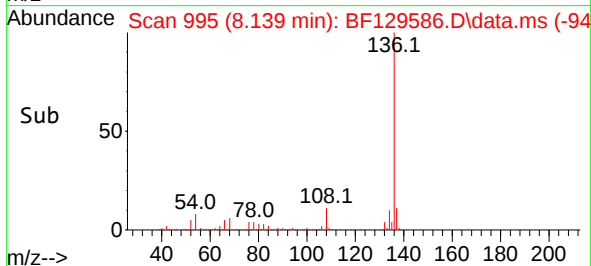
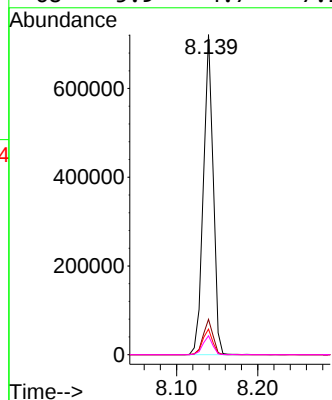
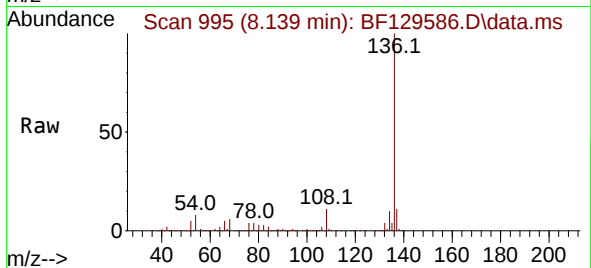
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 7.5 11.3

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 80.783 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF129586.D

Acq: 05 Aug 2022 00:19

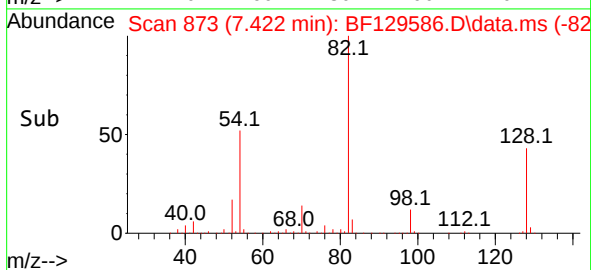
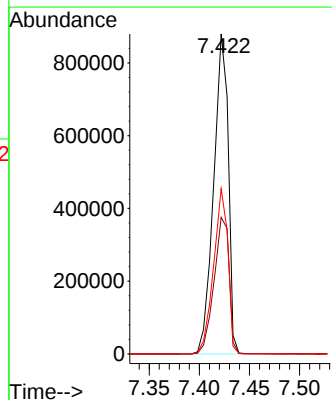
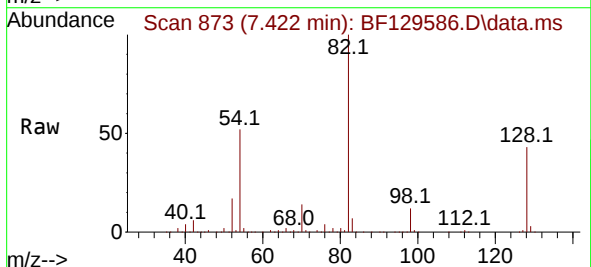
Tgt Ion: 82 Resp: 890400

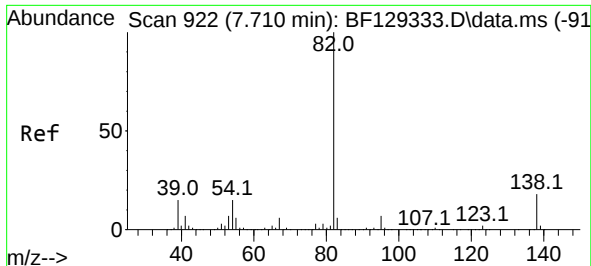
Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

54 51.6 46.9 70.3

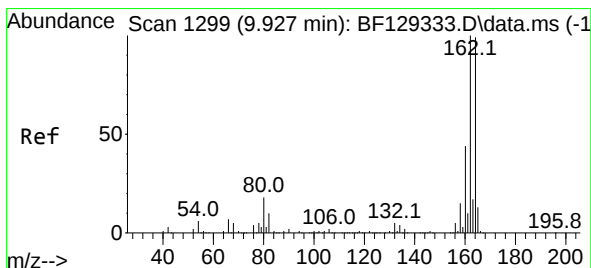
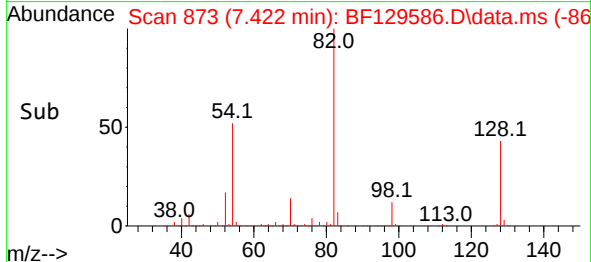
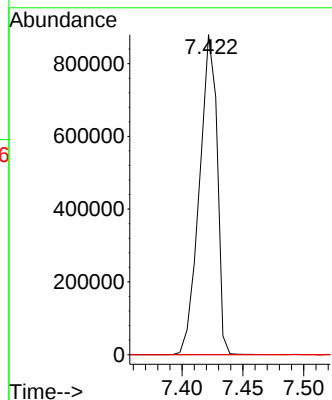
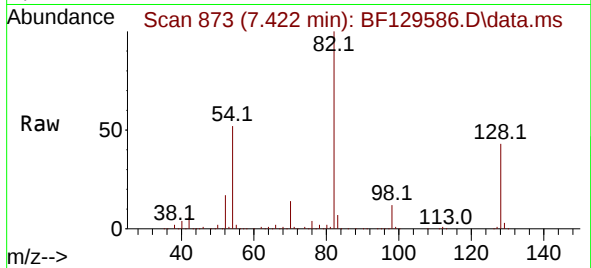




#25
Isophorone
Concen: 44.859 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

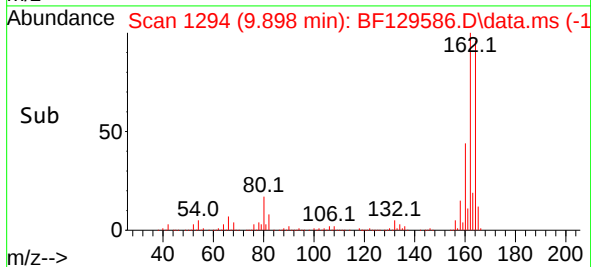
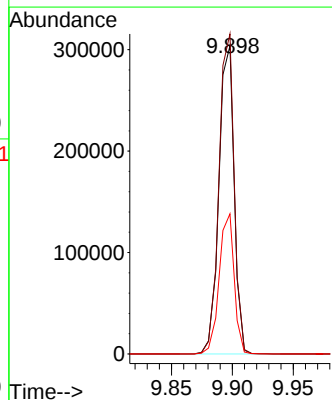
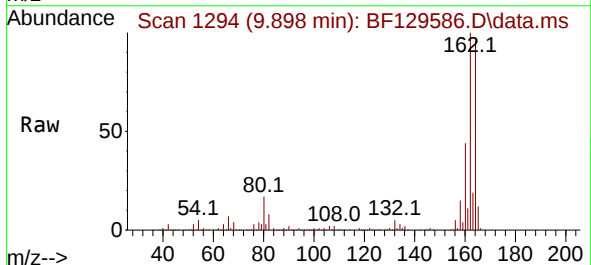
Instrument :
BNA_F
ClientSampleId :
RVE-127

Tgt Ion: 82 Resp: 886292
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: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

Tgt Ion: 164 Resp: 266026
Ion Ratio Lower Upper
164 100
162 103.8 79.5 119.3
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 105.742 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF129586.D

Acq: 05 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

RVE-127

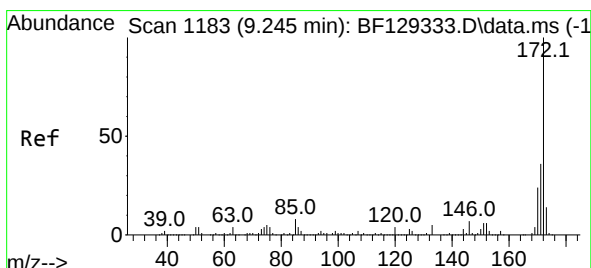
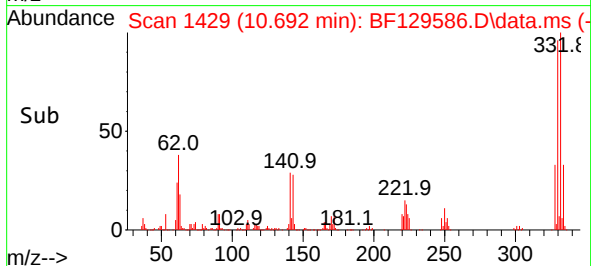
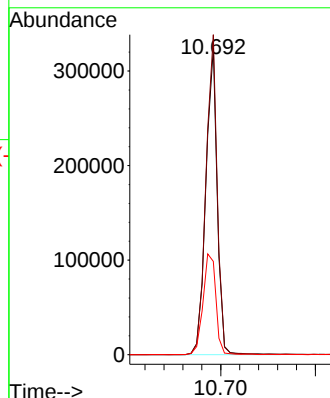
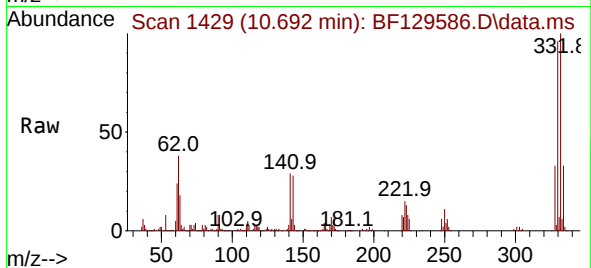
Tgt Ion:330 Resp: 270451

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 37.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.091 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129586.D

Acq: 05 Aug 2022 00:19

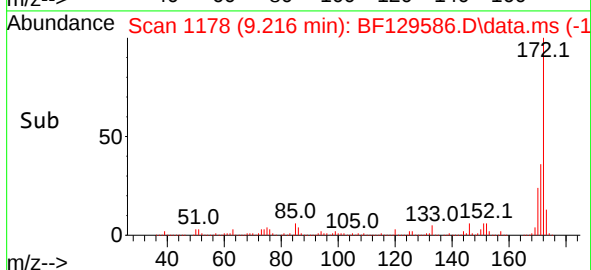
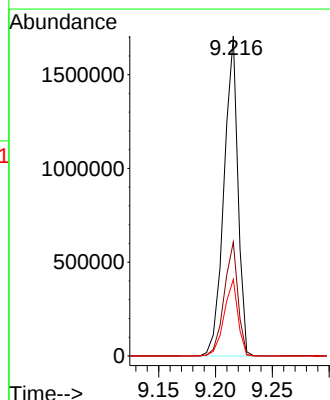
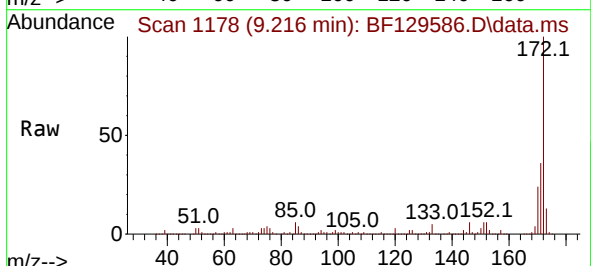
Tgt Ion:172 Resp: 1463292

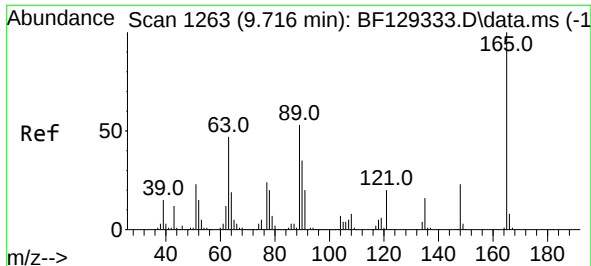
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.340 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF129586.D

Acq: 05 Aug 2022 00:19

Instrument :

BNA_F

ClientSampleId :

RVE-127

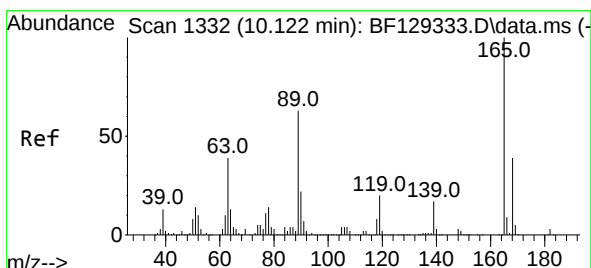
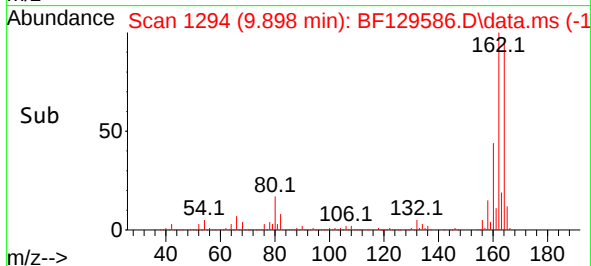
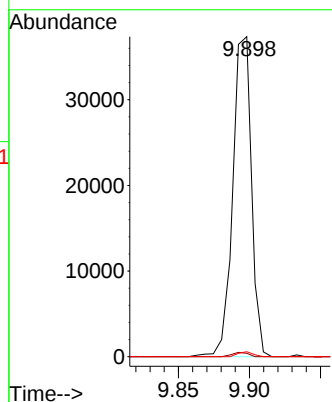
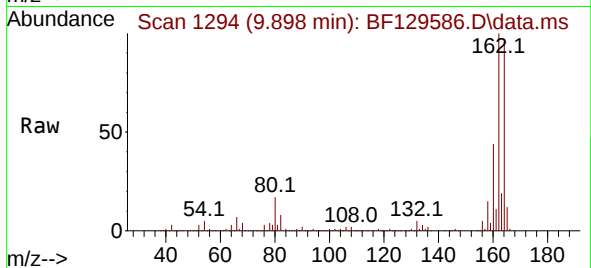
Tgt Ion:165 Resp: 34281

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.384 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129586.D

Acq: 05 Aug 2022 00:19

Tgt Ion:165 Resp: 34281

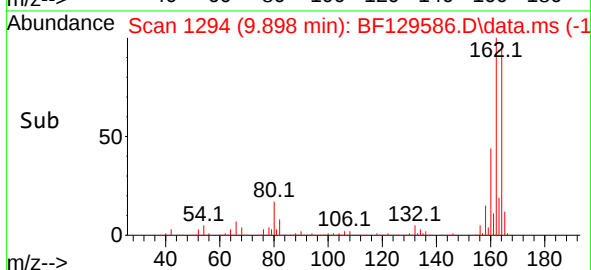
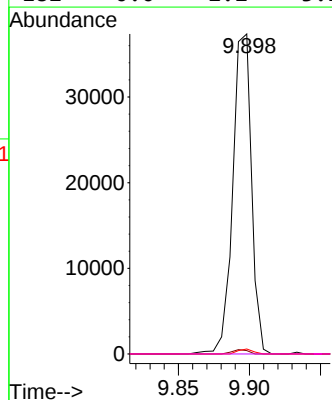
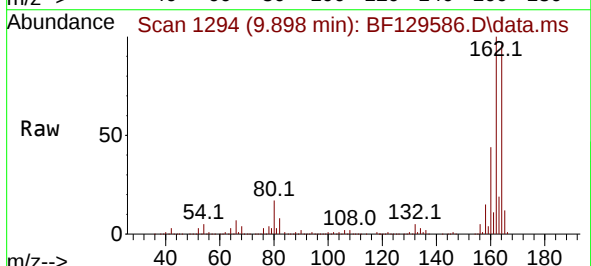
Ion Ratio Lower Upper

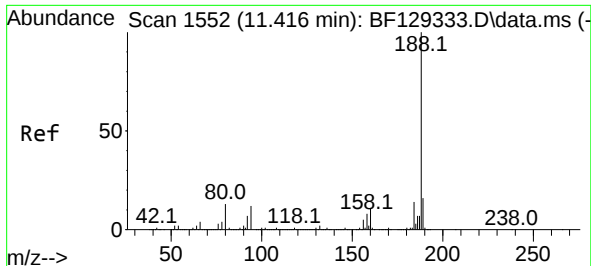
165 100

63 1.1 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

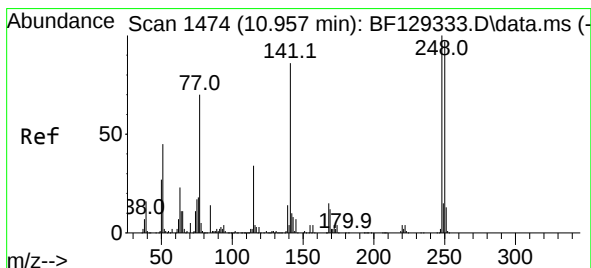
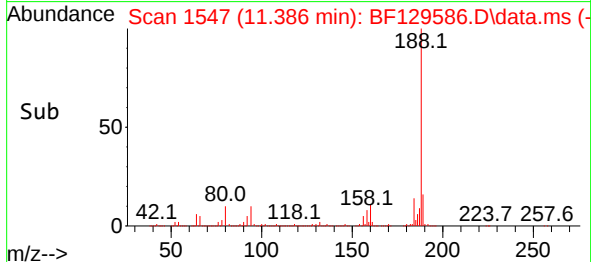
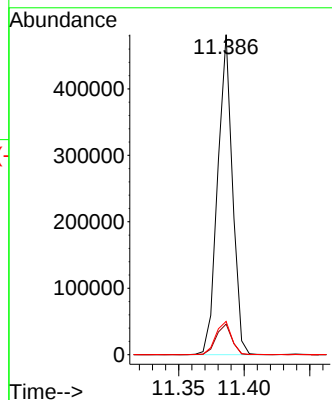
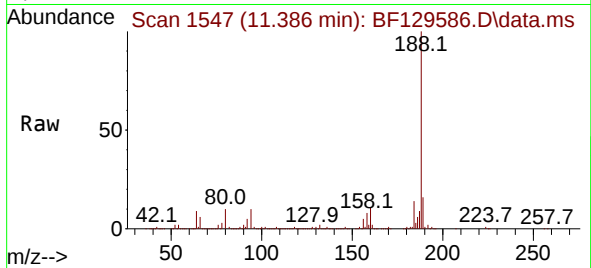




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

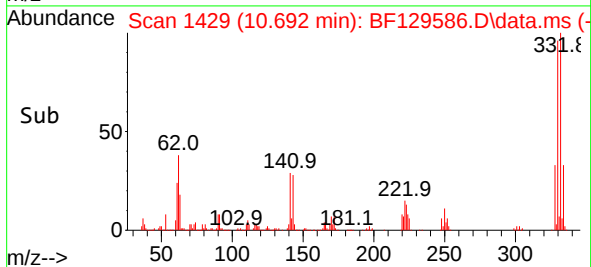
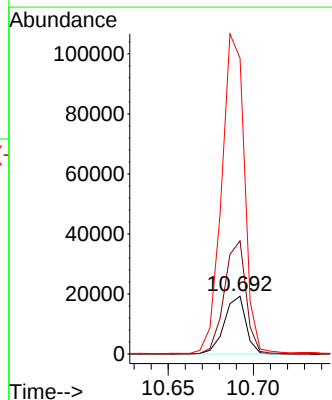
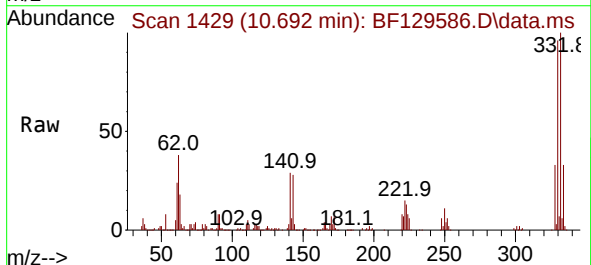
Instrument :
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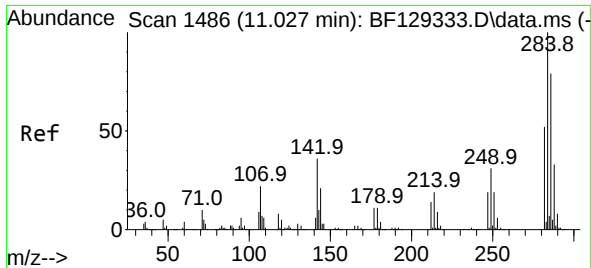
Tgt Ion:188 Resp: 377185
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.100 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

Tgt Ion:248 Resp: 16934
Ion Ratio Lower Upper
248 100
250 195.7 80.6 120.8#
141 511.6 58.9 88.3#

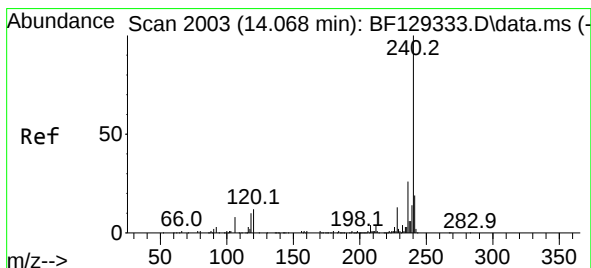
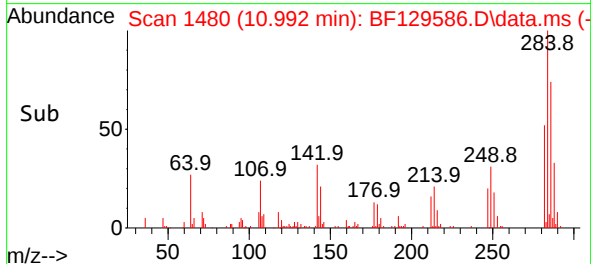
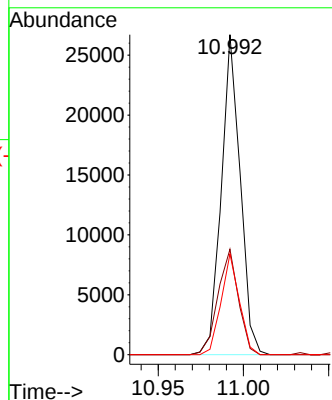
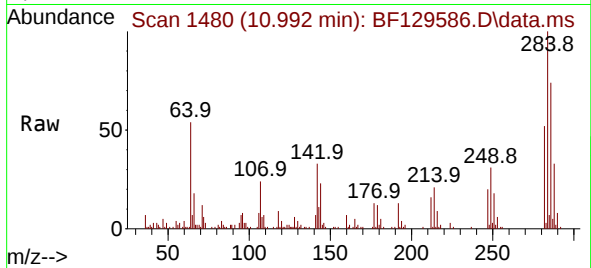




#68
Hexachlorobenzene
Concen: 4.601 ng
RT: 10.992 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

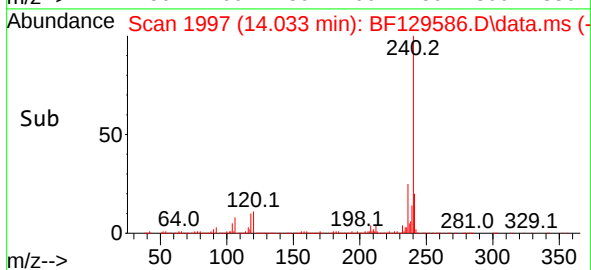
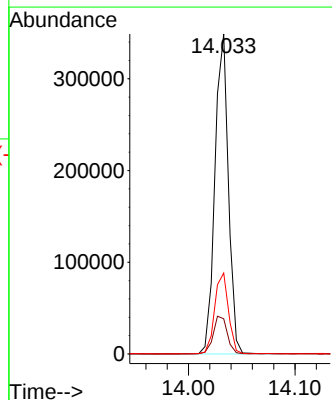
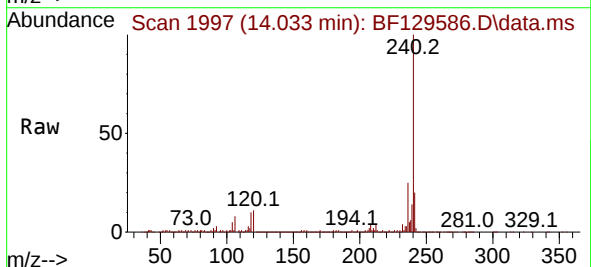
Instrument :
BNA_F
ClientSampleId :
RVE-127

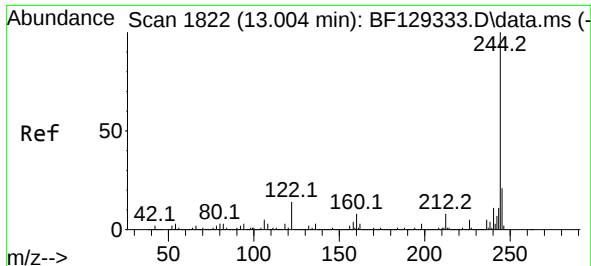
Tgt Ion:284 Resp: 20590
Ion Ratio Lower Upper
284 100
142 33.0 29.0 43.4
249 31.5 25.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129586.D
Acq: 05 Aug 2022 00:19

Tgt Ion:240 Resp: 305454
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.3 20.8 31.2

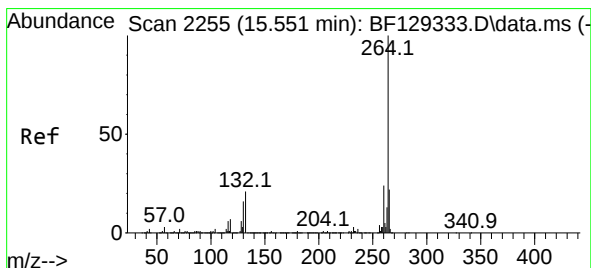
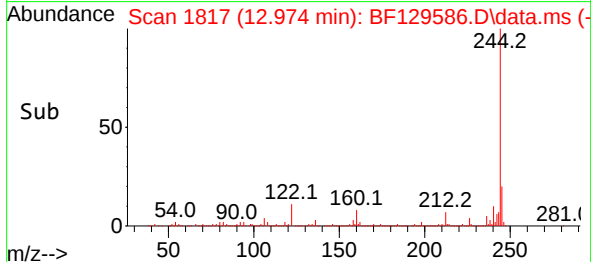
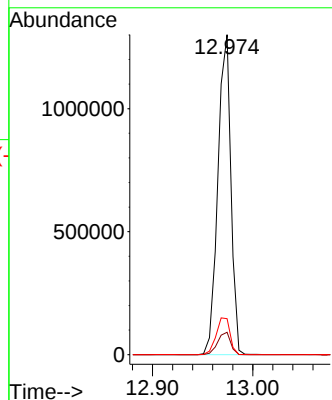
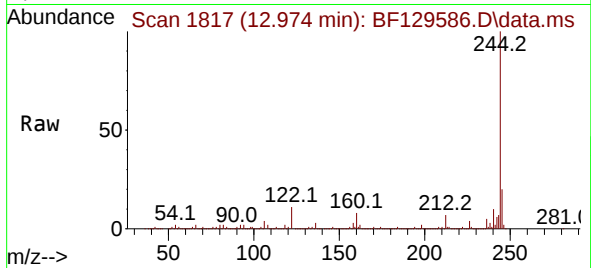




#79
 Terphenyl-d14
 Concen: 72.342 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF129586.D
 Acq: 05 Aug 2022 00:19

Instrument :
 BNA_F
 ClientSampleId :
 RVE-127

Tgt Ion:244 Resp: 1171287
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2249
 Delta R.T. -0.000 min
 Lab File: BF129586.D
 Acq: 05 Aug 2022 00:19

Tgt Ion:264 Resp: 246232
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.7 17.2 25.8

