

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129526.D
 Acq On : 03 Aug 2022 01:24
 Operator : CG\JU
 Sample : N3927-12 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-85

Quant Time: Aug 03 01:49:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

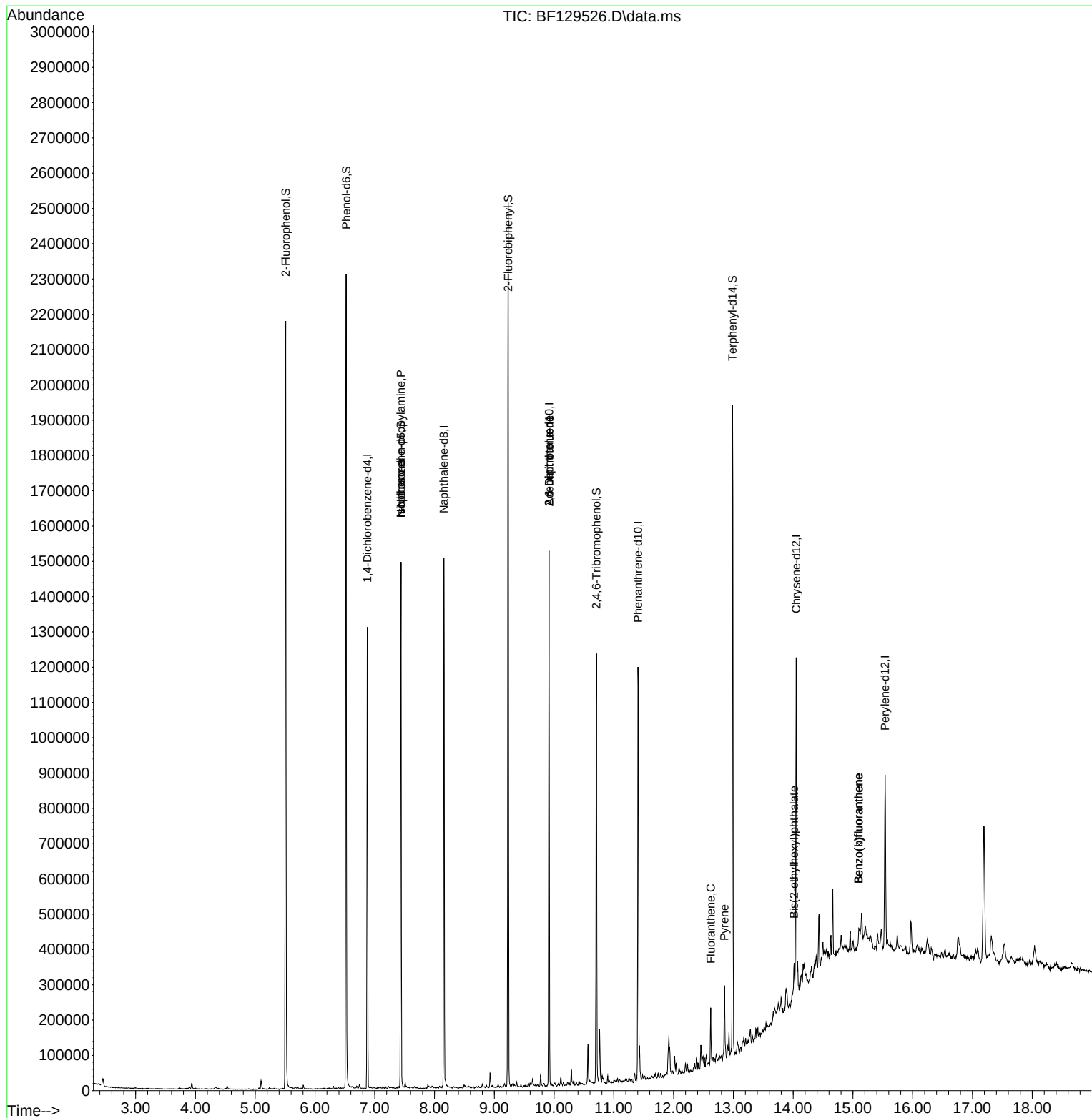
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	170144	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	627436	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	279292	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	432937	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	282417	20.000	ng	0.00
86) Perylene-d12	15.539	264	215398	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	567435	54.328	ng	0.00
7) Phenol-d6	6.522	99	689946	52.554	ng	0.00
23) Nitrobenzene-d5	7.439	82	414496	36.062	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	135444	50.441	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	703659	38.974	ng	0.00
79) Terphenyl-d14	12.986	244	600368	40.105	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	54671	6.879	ng	# 72
25) Isophorone	7.439	82	414492	20.118	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	37182	8.616	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	37182	6.596	ng	# 21
75) Fluoranthene	12.621	202	52070	2.175	ng	99
78) Pyrene	12.851	202	74644	3.161	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	30841	2.287	ng	# 96
88) Benzo(b)fluoranthene	15.098	252	32327	2.263	ng	# 82
89) Benzo(k)fluoranthene	15.098	252	32327	2.309	ng	# 83

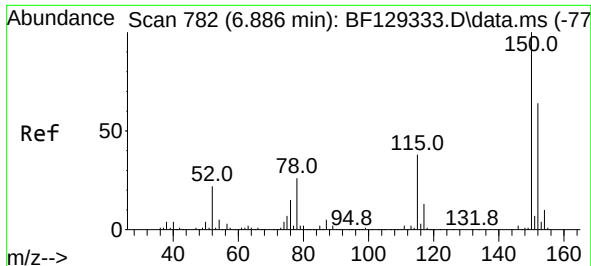
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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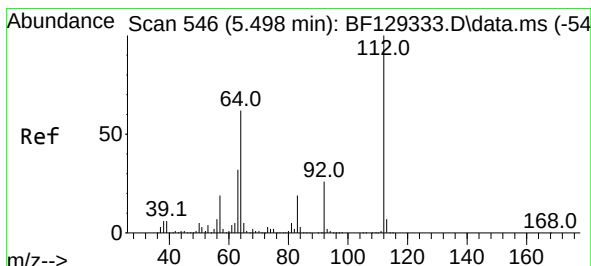
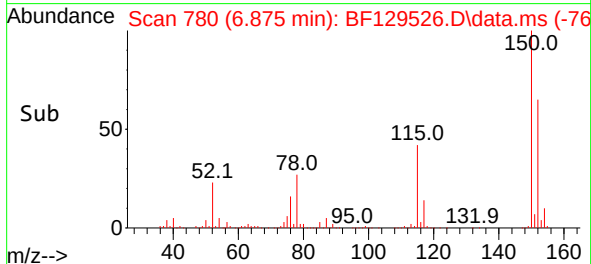
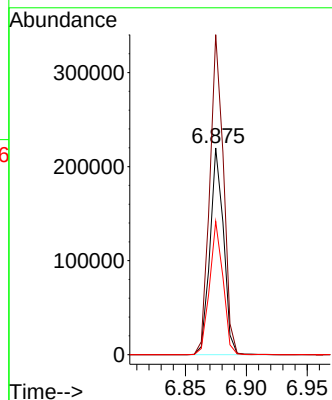
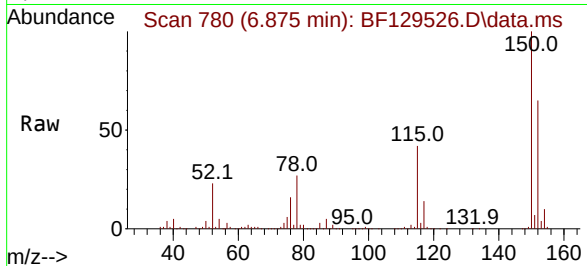




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

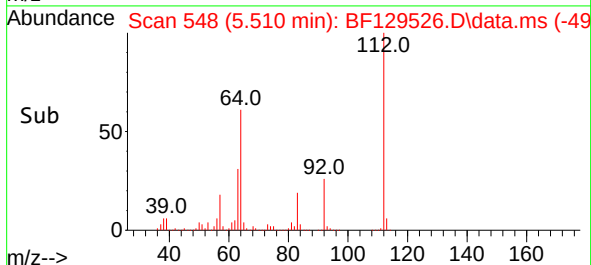
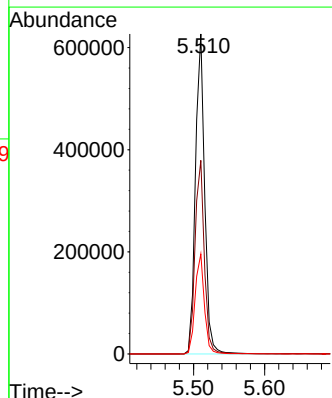
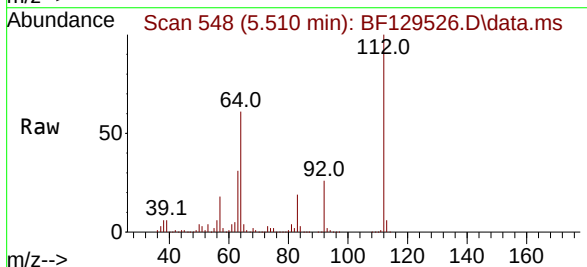
Instrument :
BNA_F
ClientSampleId :
RVE-85

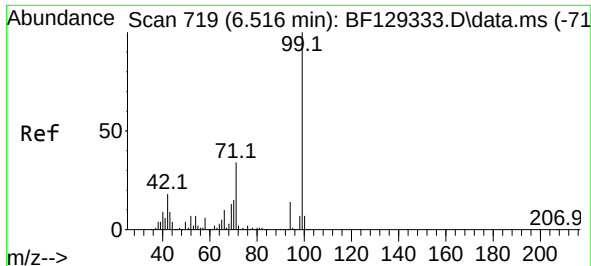
Tgt Ion:152 Resp: 170144
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 64.5 49.9 74.9



#5
2-Fluorophenol
Concen: 54.328 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Tgt Ion:112 Resp: 567435
Ion Ratio Lower Upper
112 100
64 60.5 53.3 79.9
63 31.3 28.0 42.0

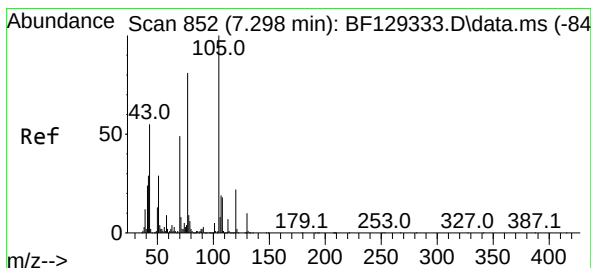
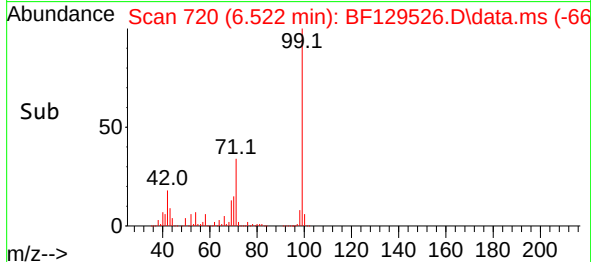
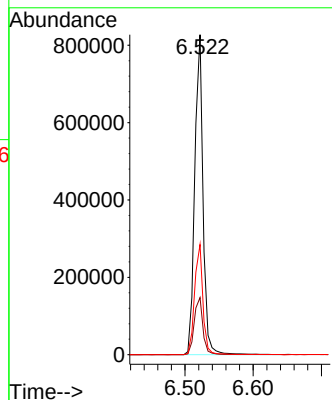
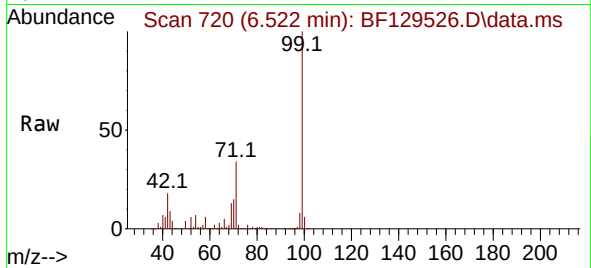




#7
Phenol-d6
Concen: 52.554 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

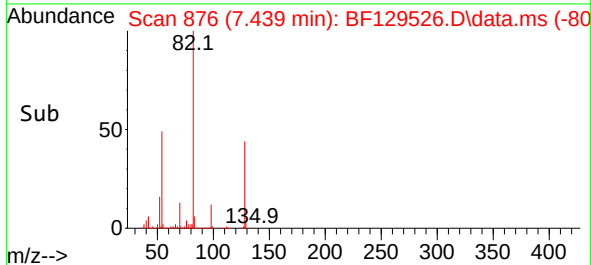
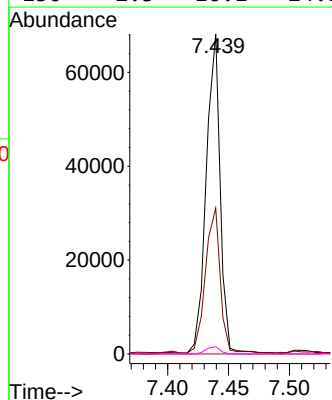
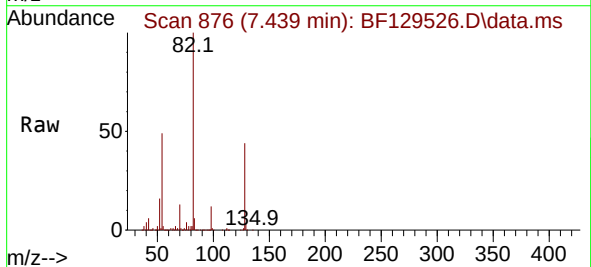
Instrument :
BNA_F
ClientSampleId :
RVE-85

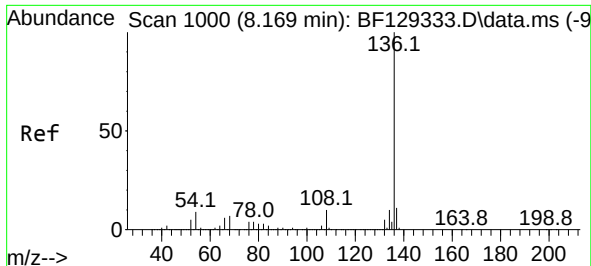
Tgt Ion: 99 Resp: 689946
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 6.879 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Tgt Ion: 70 Resp: 54671
Ion Ratio Lower Upper
70 100
42 45.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



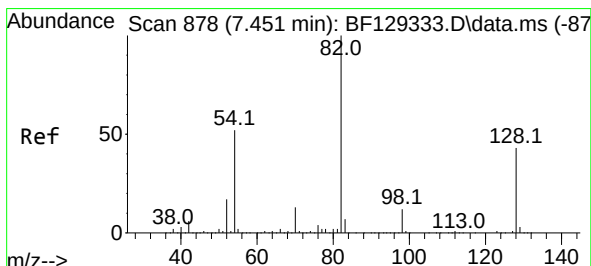
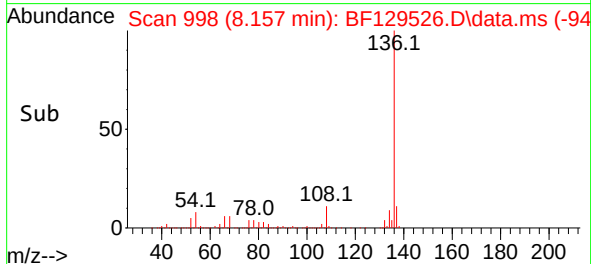
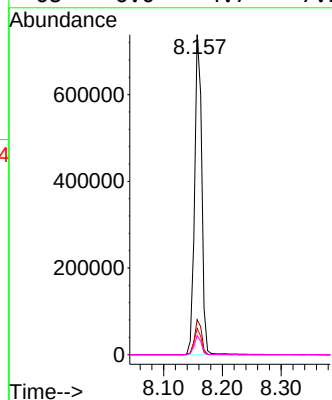
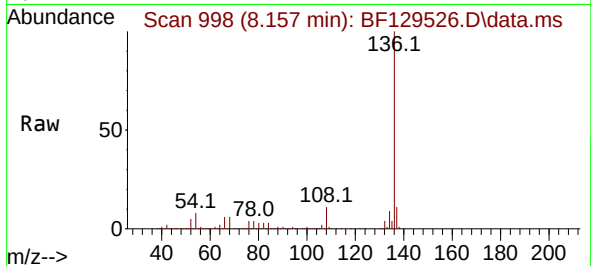


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Instrument :
BNA_F
ClientSampleId :
RVE-85

Tgt Ion:136 Resp: 627436

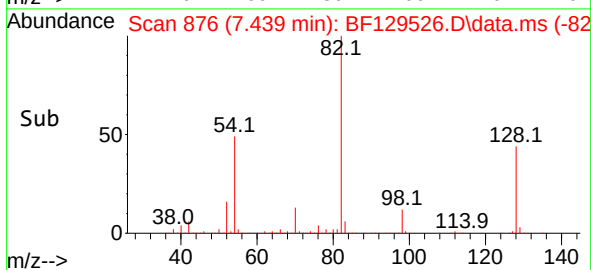
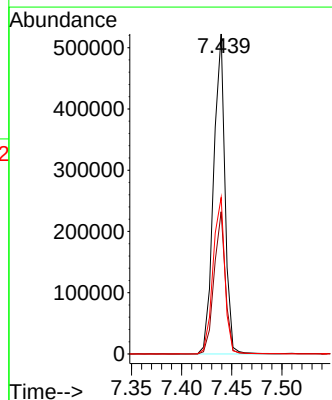
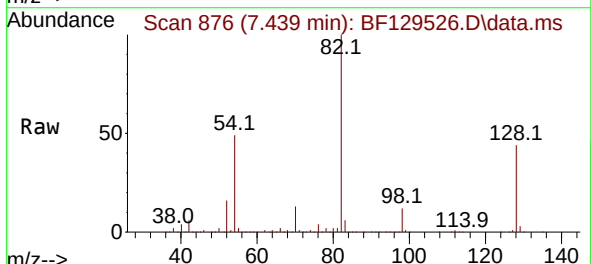
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	7.5	11.3
68	6.0	4.7	7.1

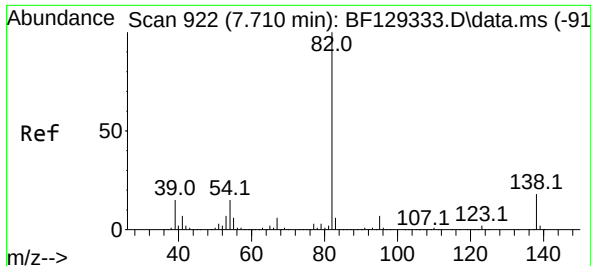


#23
Nitrobenzene-d5
Concen: 36.062 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Tgt Ion: 82 Resp: 414496

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	48.9	46.9	70.3

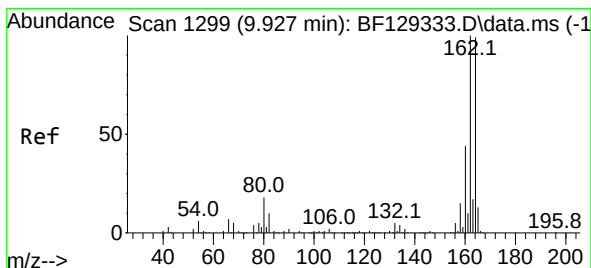
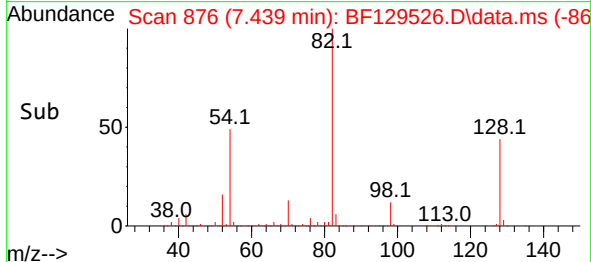
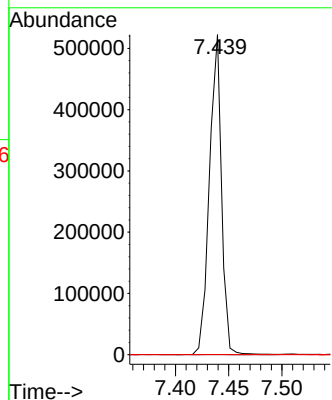
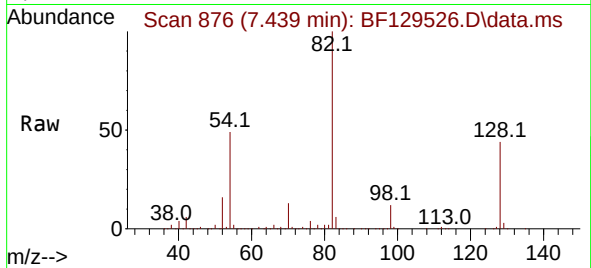




#25
Isophorone
Concen: 20.118 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

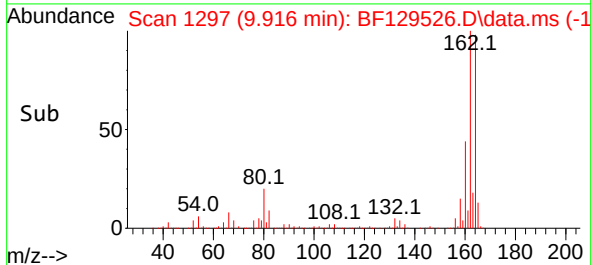
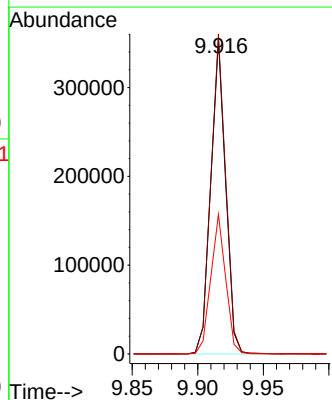
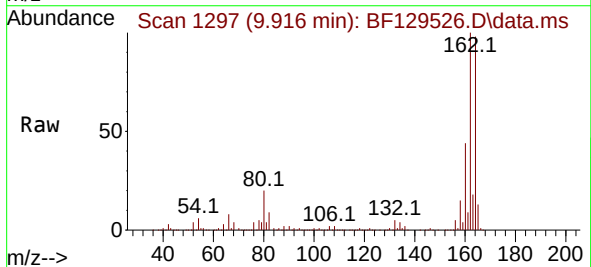
Instrument :
BNA_F
ClientSampleId :
RVE-85

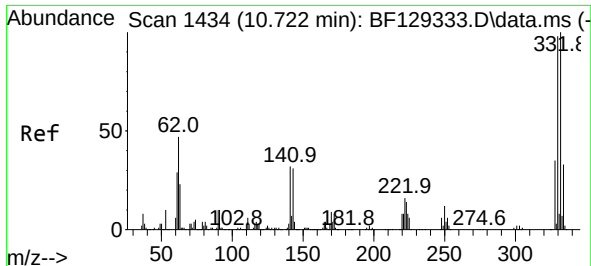
Tgt Ion: 82 Resp: 414492
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Tgt Ion:164 Resp: 279292
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 50.441 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129526.D

Acq: 03 Aug 2022 01:24

Instrument :

BNA_F

ClientSampleId :

RVE-85

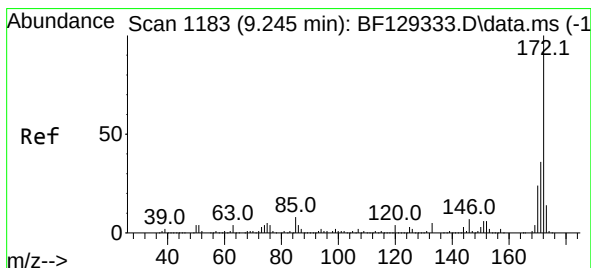
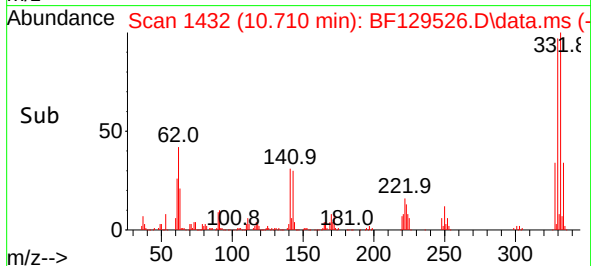
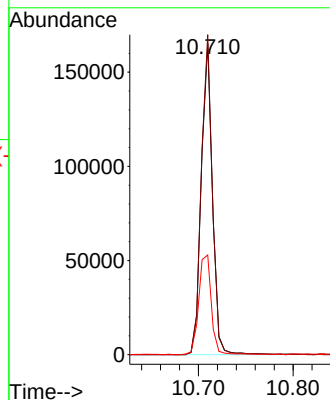
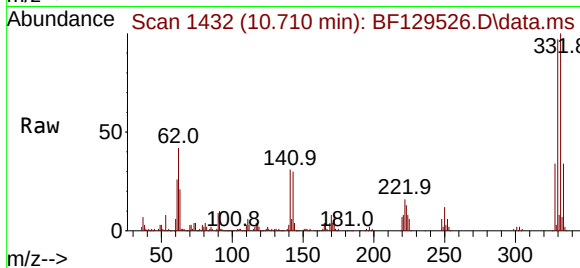
Tgt Ion:330 Resp: 135444

Ion Ratio Lower Upper

330 100

332 101.5 76.8 115.2

141 36.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 38.974 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129526.D

Acq: 03 Aug 2022 01:24

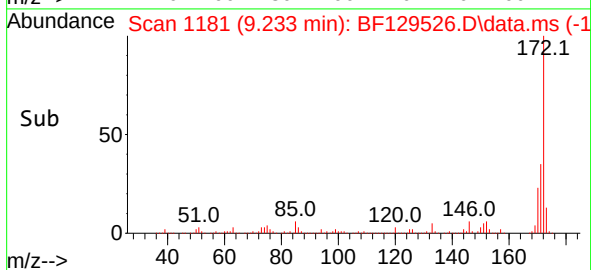
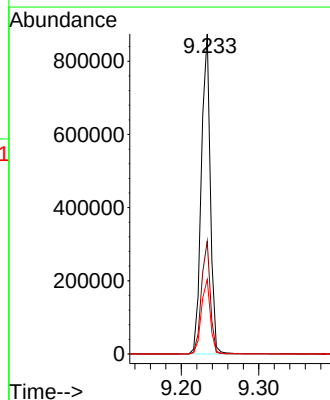
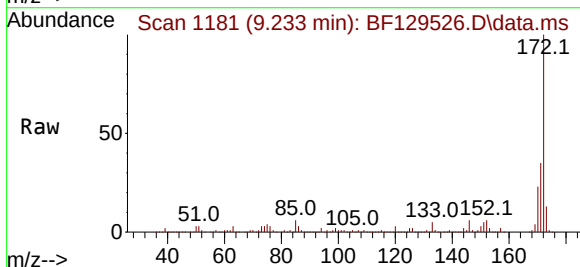
Tgt Ion:172 Resp: 703659

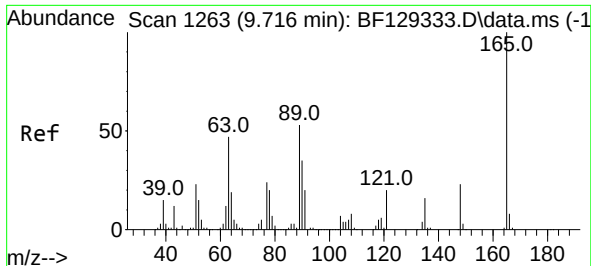
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.616 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129526.D

Acq: 03 Aug 2022 01:24

Instrument :

BNA_F

ClientSampleId :

RVE-85

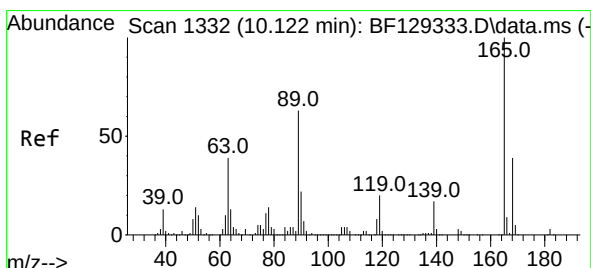
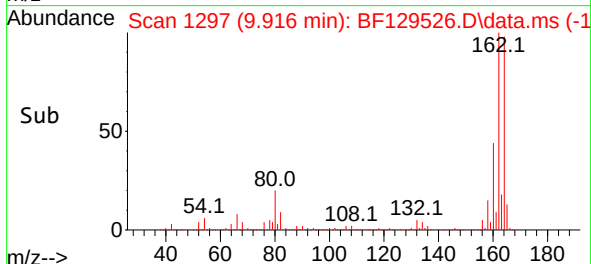
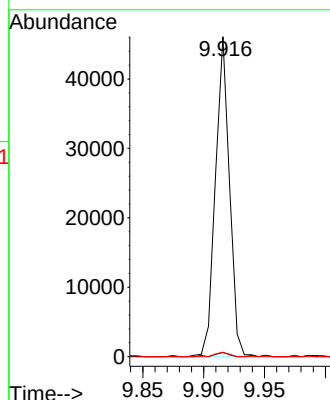
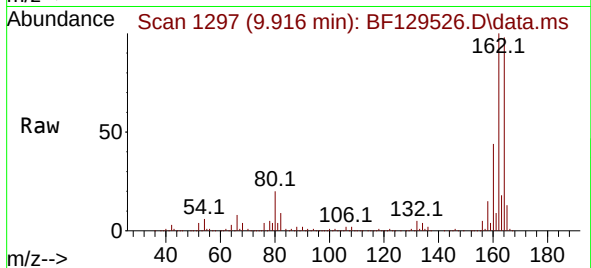
Tgt Ion:165 Resp: 37182

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.596 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129526.D

Acq: 03 Aug 2022 01:24

Tgt Ion:165 Resp: 37182

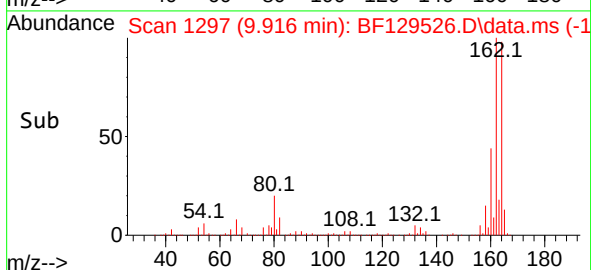
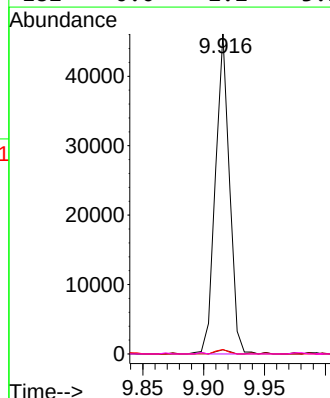
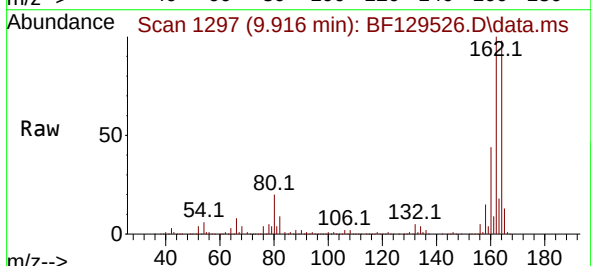
Ion Ratio Lower Upper

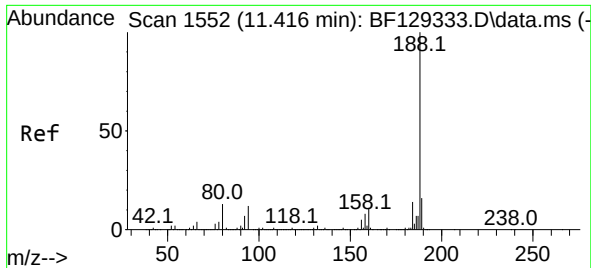
165 100

63 1.3 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

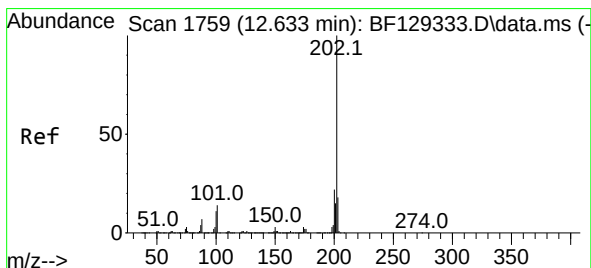
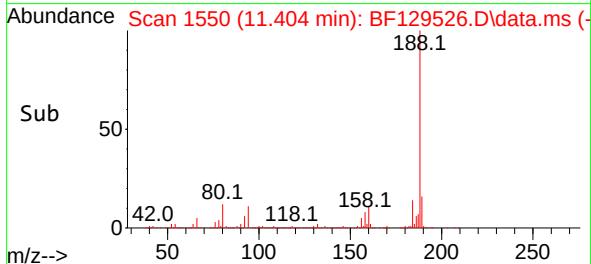
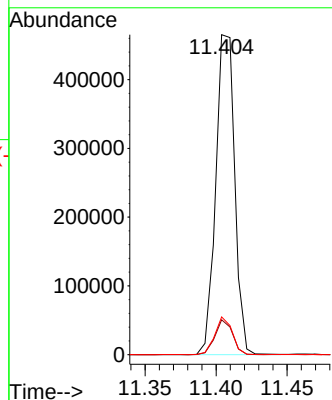
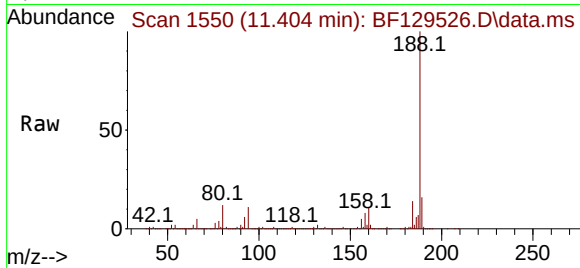




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

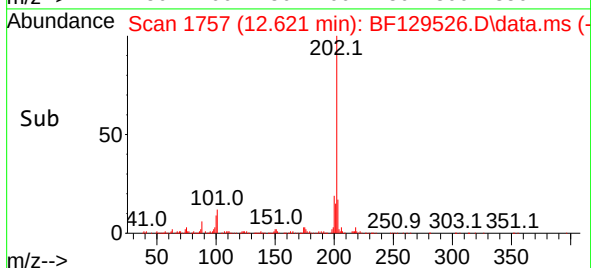
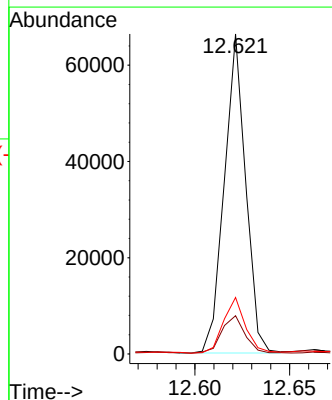
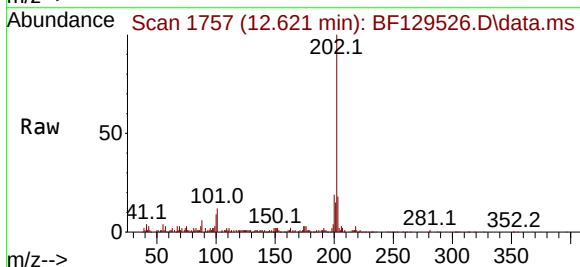
Instrument :
BNA_F
ClientSampleId :
RVE-85

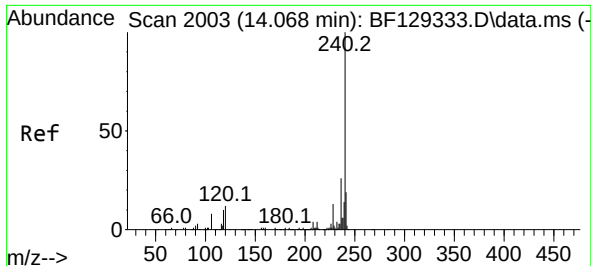
Tgt Ion:188 Resp: 432937
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.8 7.6 11.4#



#75
Fluoranthene
Concen: 2.175 ng
RT: 12.621 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Tgt Ion:202 Resp: 52070
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.6 0.0 38.0

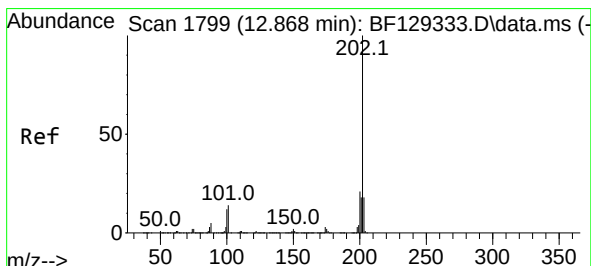
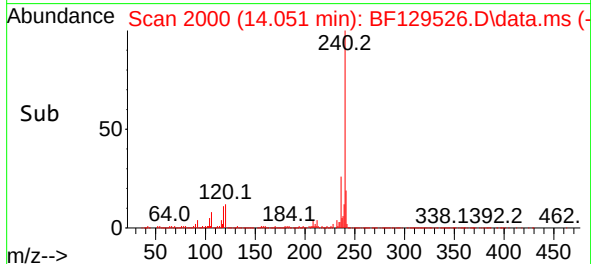
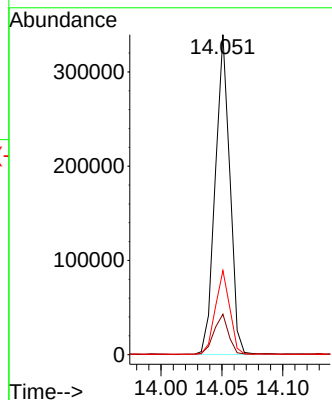
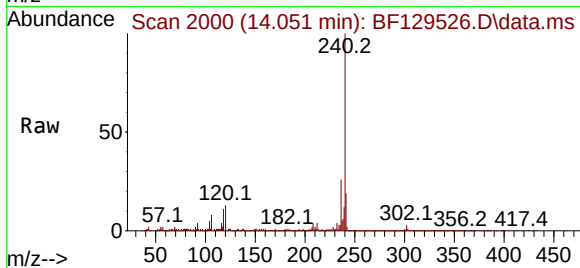




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

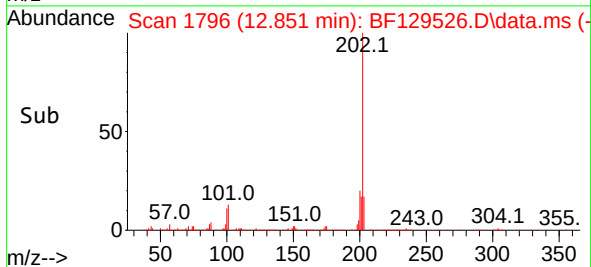
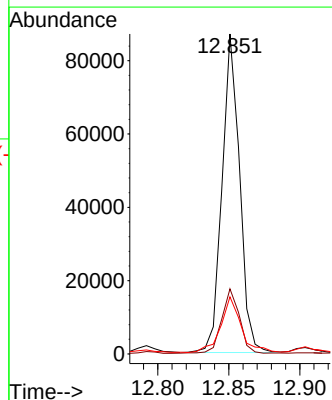
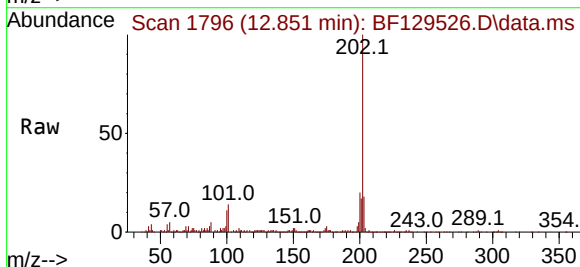
Instrument :
BNA_F
ClientSampleId :
RVE-85

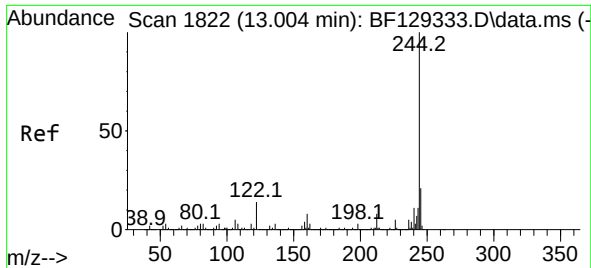
Tgt Ion:240 Resp: 282417
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 26.3 20.8 31.2



#78
Pyrene
Concen: 3.161 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129526.D
Acq: 03 Aug 2022 01:24

Tgt Ion:202 Resp: 74644
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.8 14.6 21.8

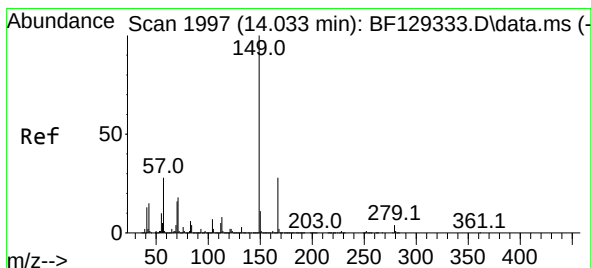
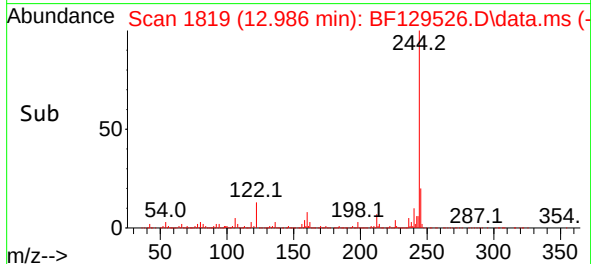
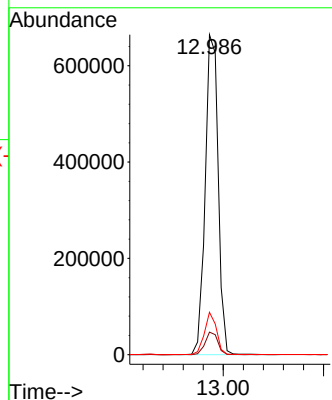
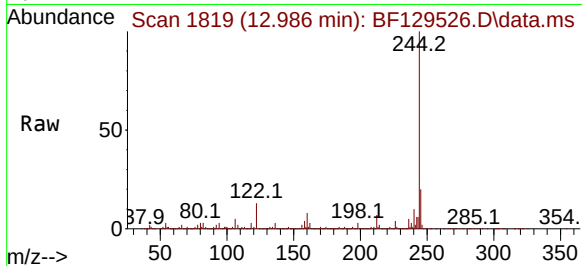




#79
 Terphenyl-d14
 Concen: 40.105 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BF129526.D
 Acq: 03 Aug 2022 01:24

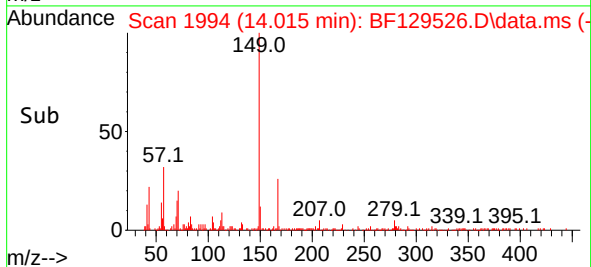
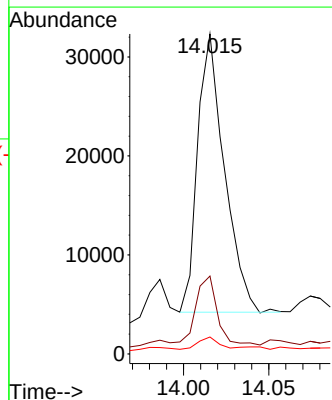
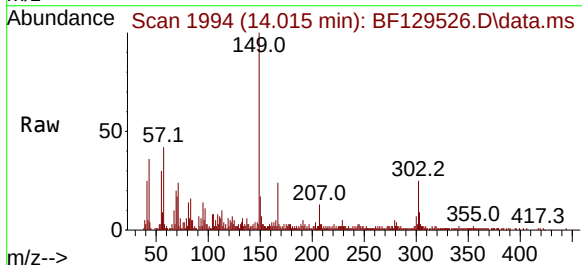
Instrument :
 BNA_F
 ClientSampleId :
 RVE-85

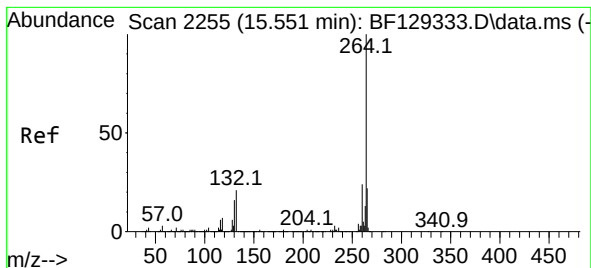
Tgt Ion:244 Resp: 600368
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 13.3 8.8 13.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.287 ng
 RT: 14.015 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: BF129526.D
 Acq: 03 Aug 2022 01:24

Tgt Ion:149 Resp: 30841
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.0 31.4
 279 5.3 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129526.D

Acq: 03 Aug 2022 01:24

Instrument :

BNF

ClientSampleId :

RVE-85

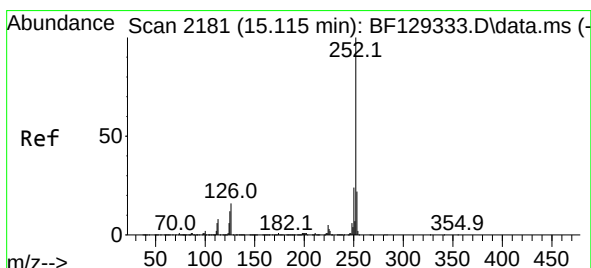
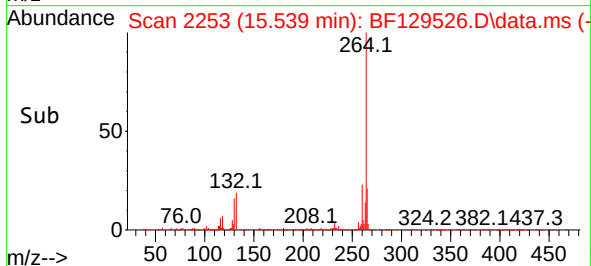
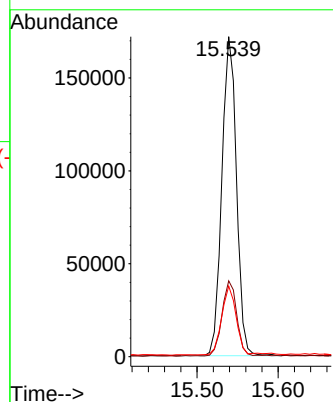
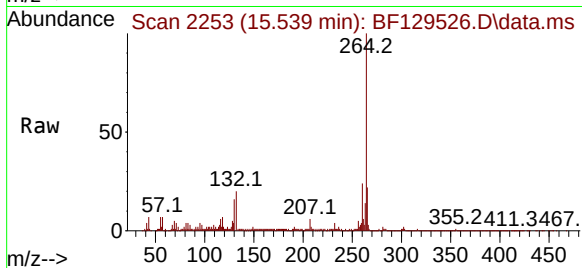
Tgt Ion:264 Resp: 215398

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.0 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.263 ng

RT: 15.098 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF129526.D

Acq: 03 Aug 2022 01:24

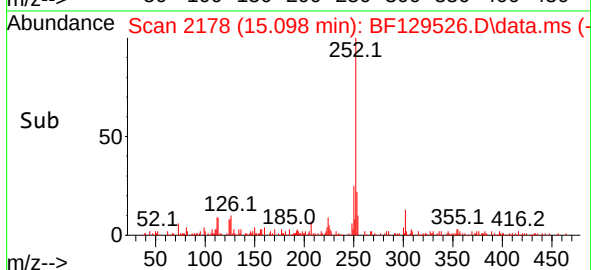
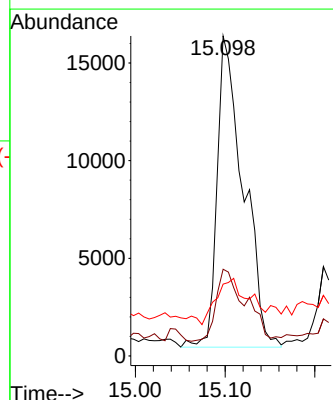
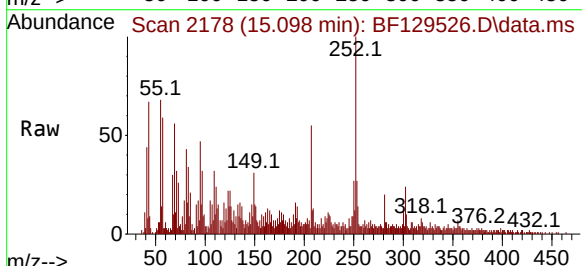
Tgt Ion:252 Resp: 32327

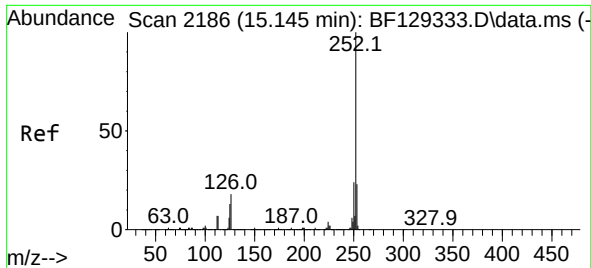
Ion Ratio Lower Upper

252 100

253 27.1 17.7 26.5#

125 22.5 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.309 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF129526.D

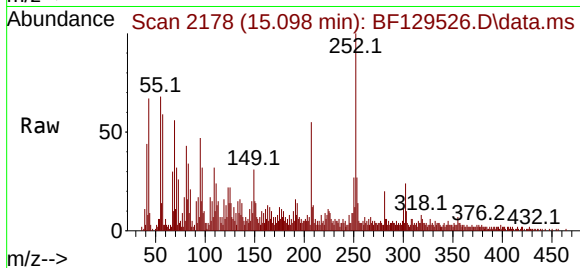
Acq: 03 Aug 2022 01:24

Instrument :

BNA_F

ClientSampleId :

RVE-85



Tgt Ion:252 Resp: 32327

Ion Ratio Lower Upper

252 100

253 27.1 17.8 26.6#

125 22.5 8.3 12.5#

