

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129422.D
 Acq On : 28 Jul 2022 22:30
 Operator : CG\JU
 Sample : N3893-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-17

Quant Time: Jul 29 02:10:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

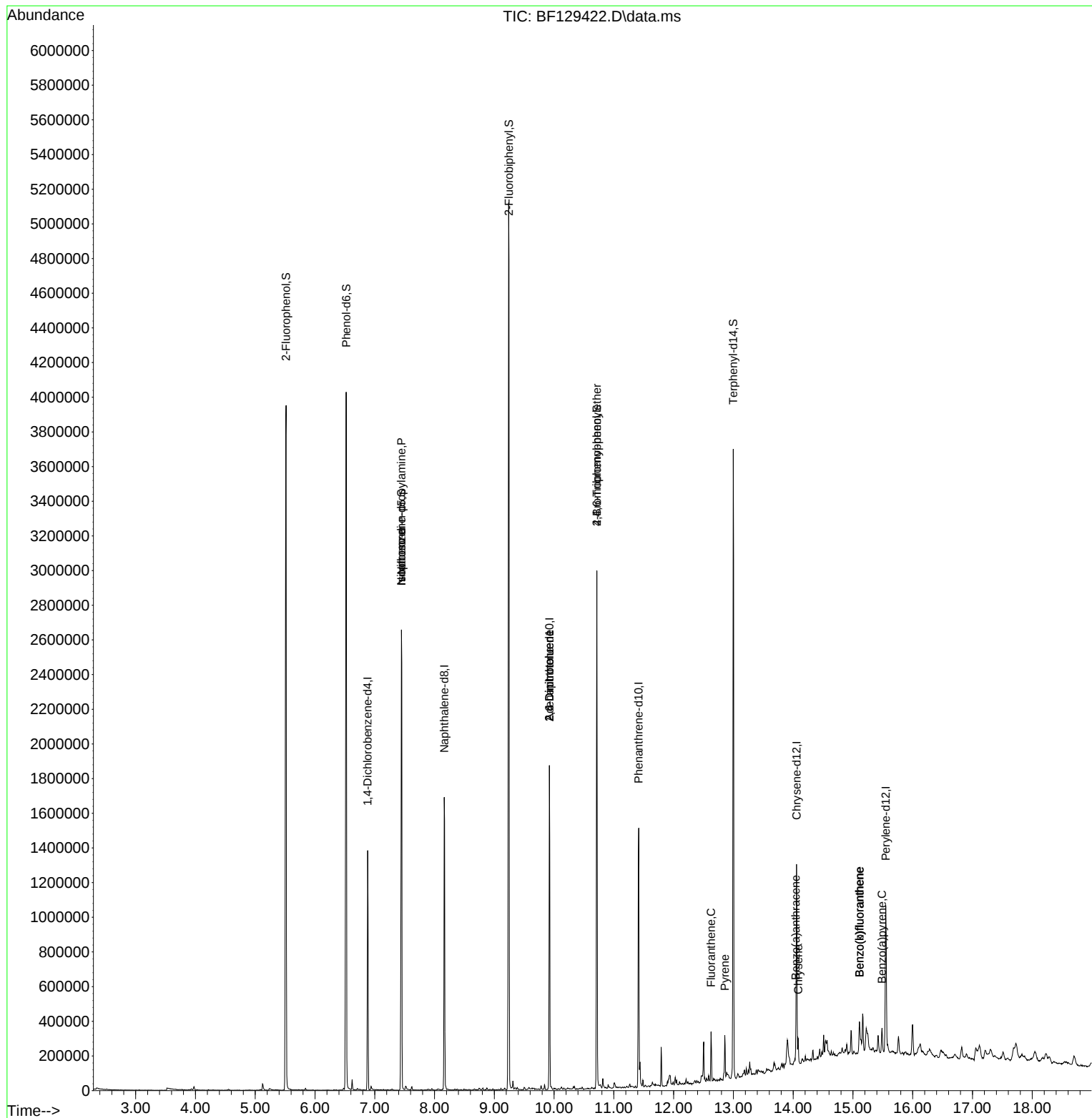
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	191446	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	748875	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	367906	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	519652	20.000	ng	0.00
76) Chrysene-d12	14.057	240	361887	20.000	ng	-0.01
86) Perylene-d12	15.551	264	366301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1137060	96.752	ng	0.02
7) Phenol-d6	6.522	99	1455670	98.542	ng	0.00
23) Nitrobenzene-d5	7.445	82	916599	66.815	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318376	90.009	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1636783	68.822	ng	0.00
79) Terphenyl-d14	12.998	244	1231100	64.179	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	122147	13.659	ng	# 77
25) Isophorone	7.445	82	916588	37.274	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	48528	8.537	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	48528	6.535	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	21018	3.694	ng	# 1
75) Fluoranthene	12.627	202	97572	3.395	ng	98
78) Pyrene	12.857	202	93635	3.094	ng	99
81) Benzo(a)anthracene	14.045	228	58737	2.376	ng	97
83) Chrysene	14.086	228	61462	2.638	ng	96
88) Benzo(b)fluoranthene	15.110	252	120429	4.956	ng	# 97
89) Benzo(k)fluoranthene	15.110	252	120429	5.058	ng	# 97
90) Benzo(a)pyrene	15.486	252	60602	3.072	ng	# 91

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

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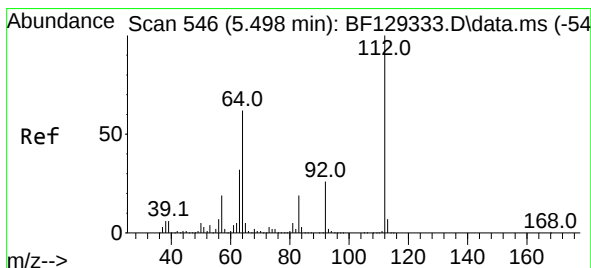
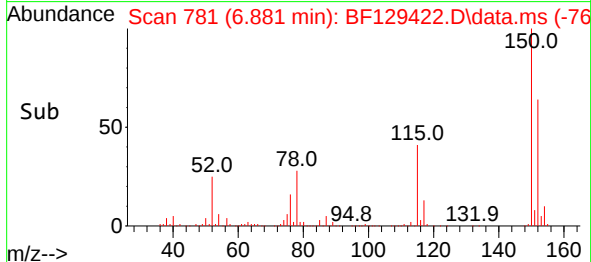
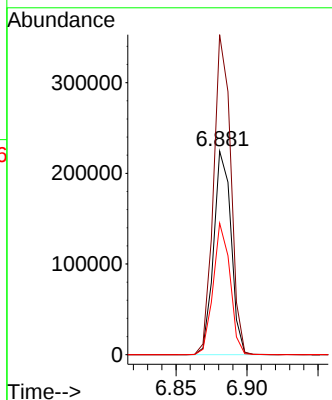
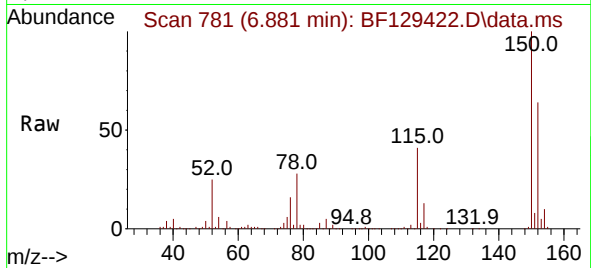




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129422.D
 Acq: 28 Jul 2022 22:30

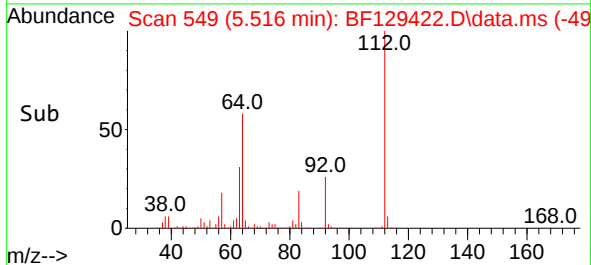
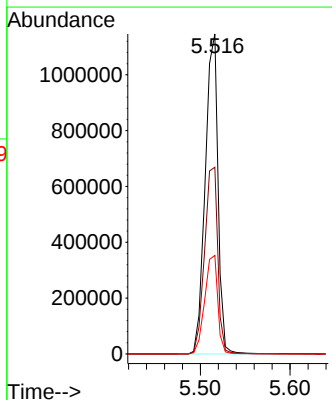
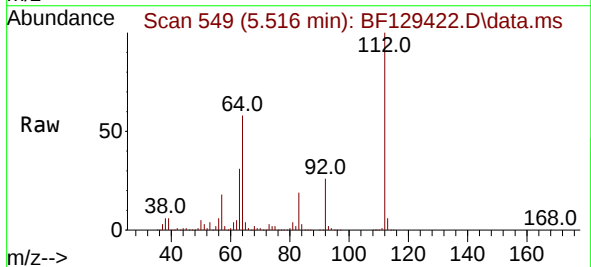
Instrument :
 BNA_F
 ClientSampleId :
 RVE-17

Tgt Ion:152 Resp: 191446
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 96.752 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129422.D
 Acq: 28 Jul 2022 22:30

Tgt Ion:112 Resp: 1137060
 Ion Ratio Lower Upper
 112 100
 64 58.3 53.3 79.9
 63 30.8 28.0 42.0

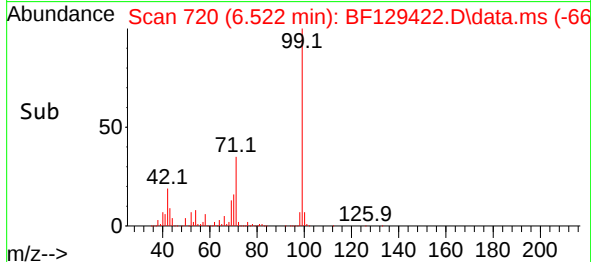
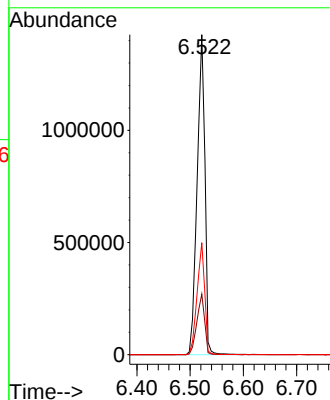
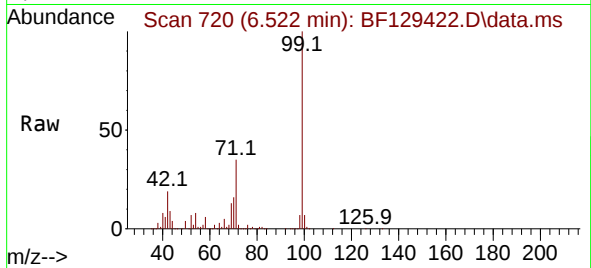




#7
Phenol-d6
Concen: 98.542 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

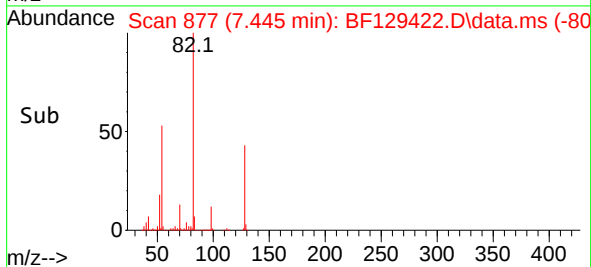
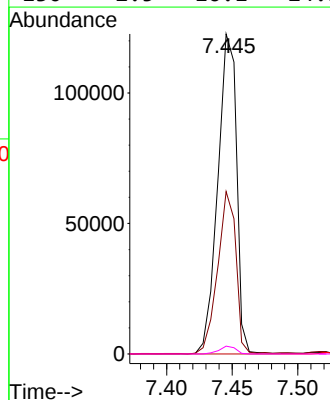
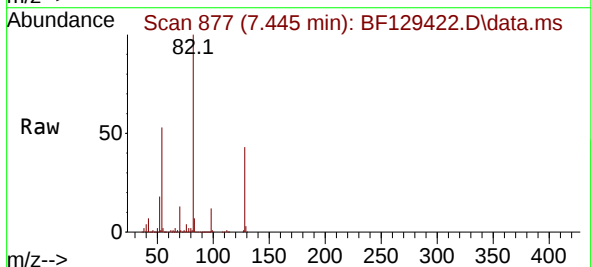
Instrument :
BNA_F
ClientSampleId :
RVE-17

Tgt Ion: 99 Resp: 1455670
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.659 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion: 70 Resp: 122147
Ion Ratio Lower Upper
70 100
42 50.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#



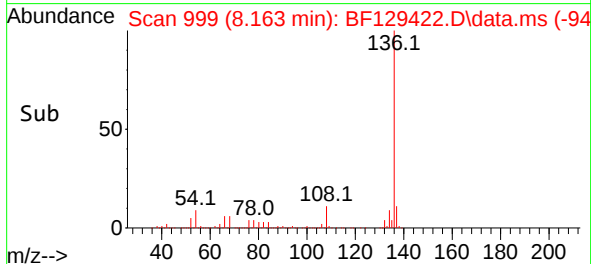
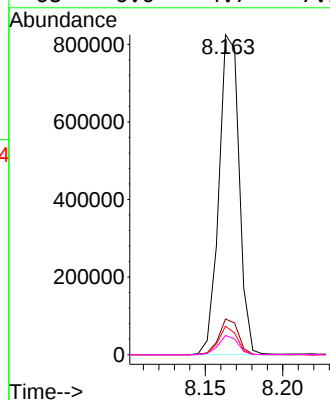
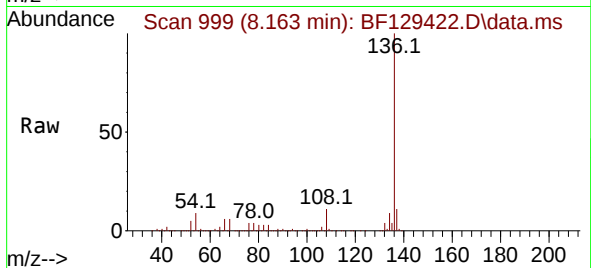


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Instrument :
BNA_F
ClientSampleId :
RVE-17

Tgt Ion:136 Resp: 748875

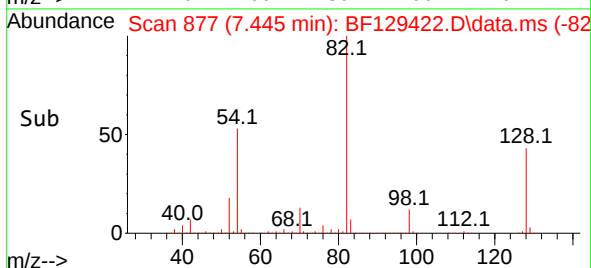
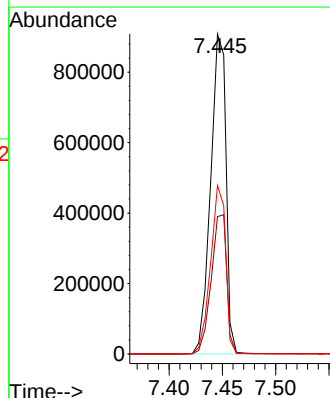
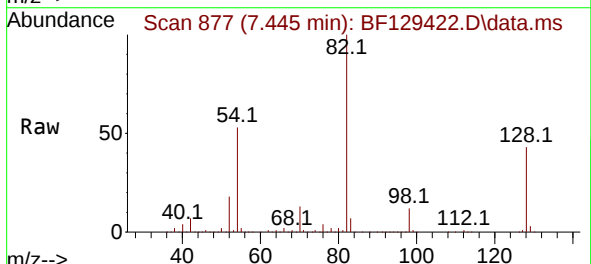
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.9	7.5	11.3
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 66.815 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion: 82 Resp: 916599

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	52.6	46.9	70.3

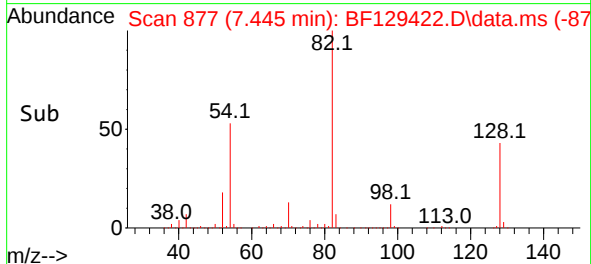
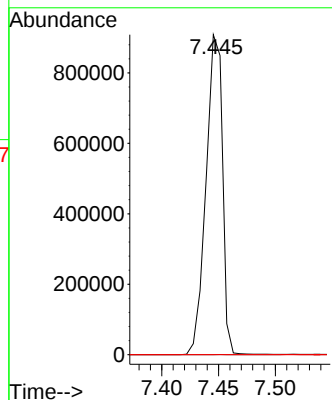
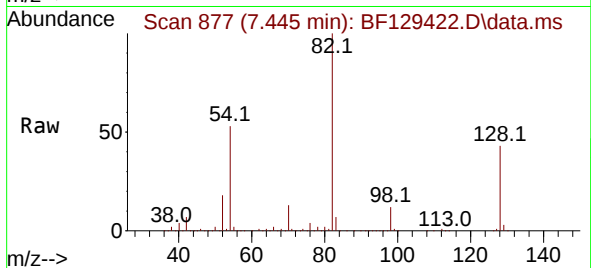




#25
Isophorone
Concen: 37.274 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

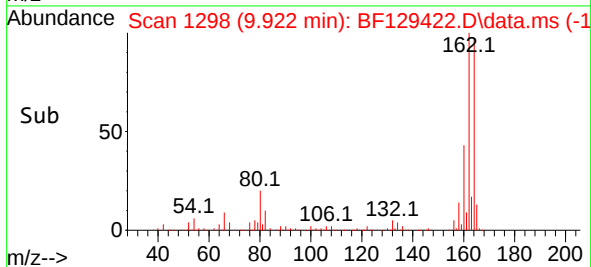
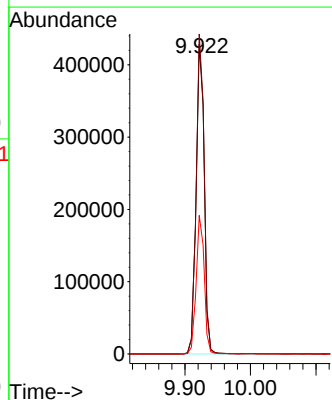
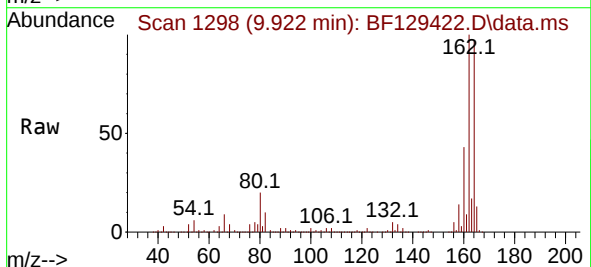
Instrument :
BNA_F
ClientSampleId :
RVE-17

Tgt Ion: 82 Resp: 916588
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: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion:164 Resp: 367906
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 90.009 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

Instrument :

BNA_F

ClientSampleId :

RVE-17

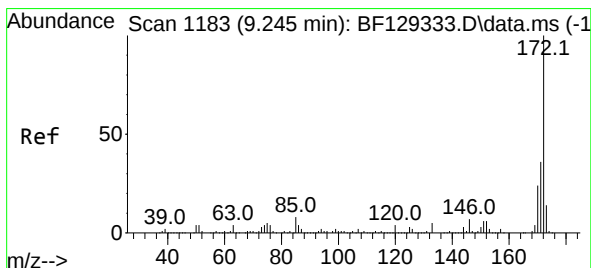
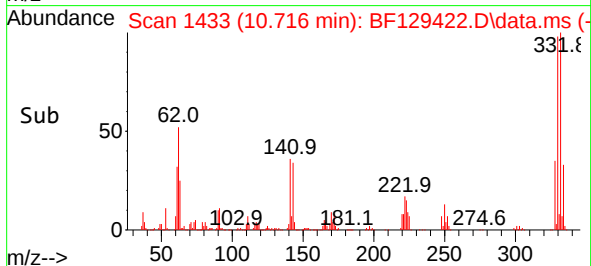
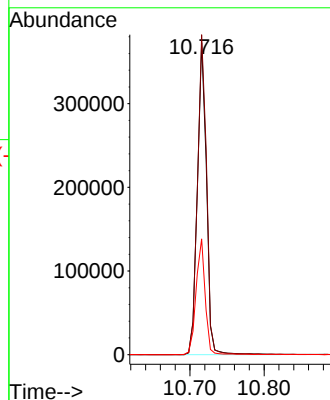
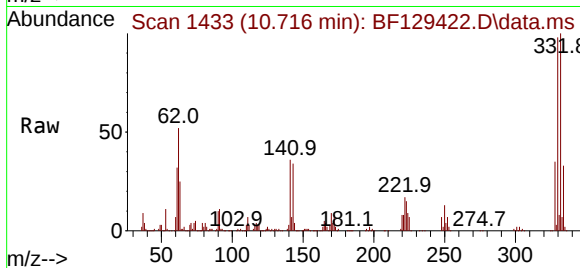
Tgt Ion:330 Resp: 318376

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 37.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.822 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

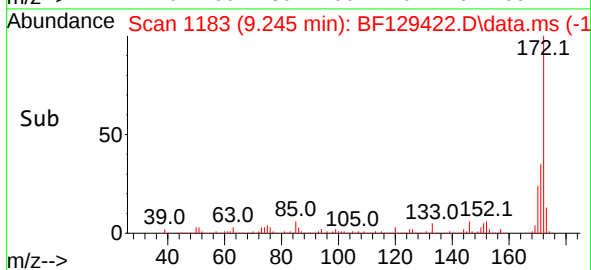
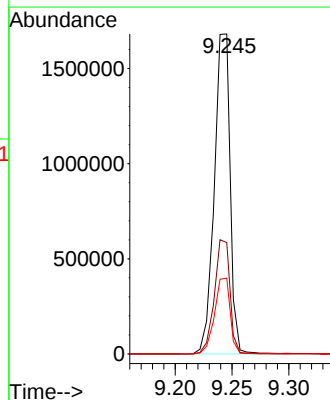
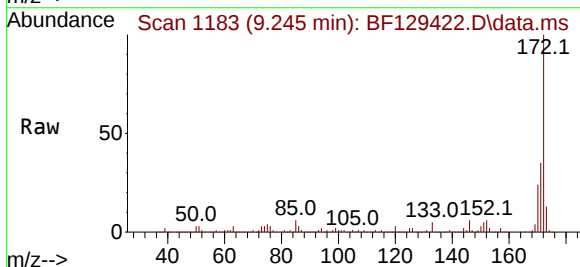
Tgt Ion:172 Resp: 1636783

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.7 19.8 29.8

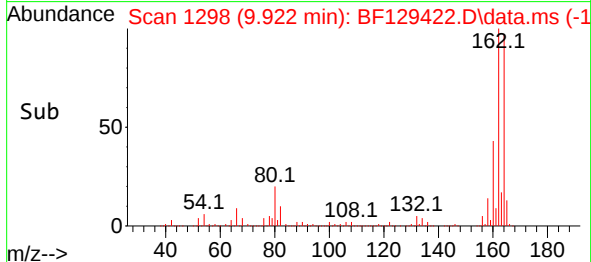
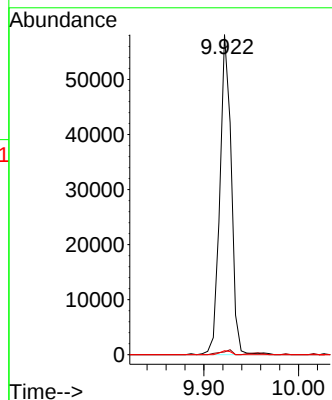
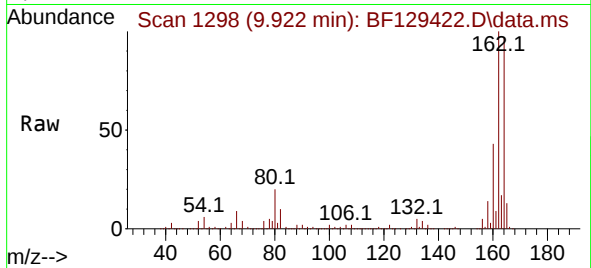




#51
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

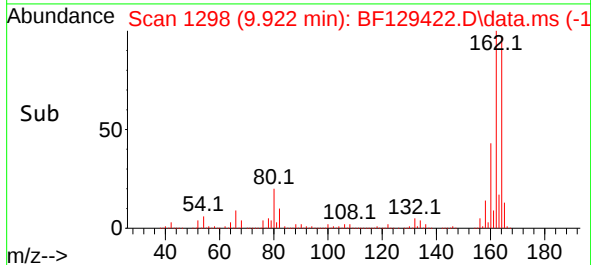
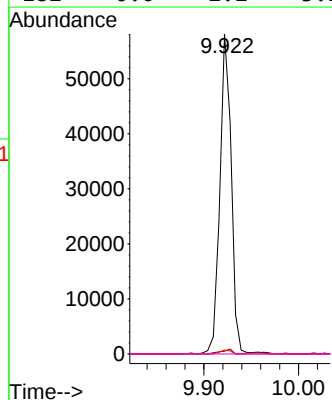
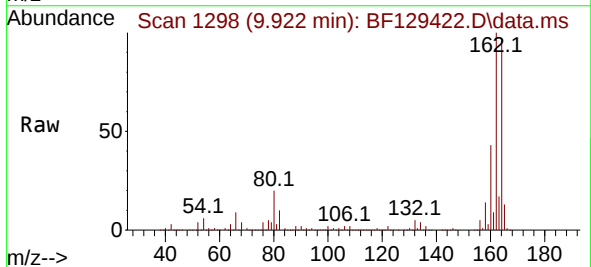
Instrument :
BNA_F
ClientSampleId :
RVE-17

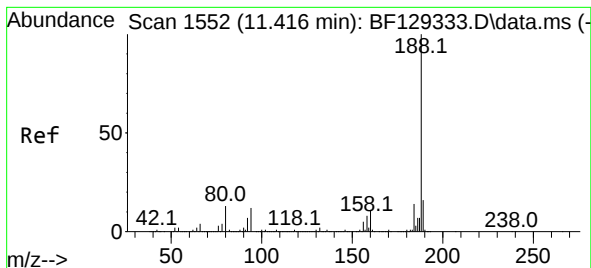
Tgt Ion:165 Resp: 48528
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.535 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion:165 Resp: 48528
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

Instrument :

BNA_F

ClientSampleId :

RVE-17

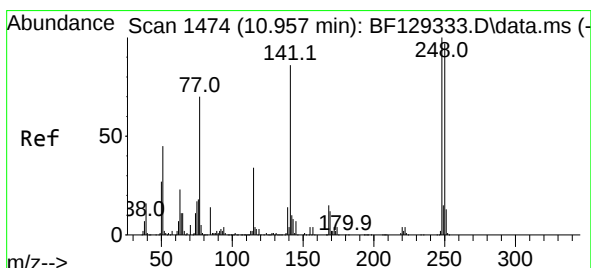
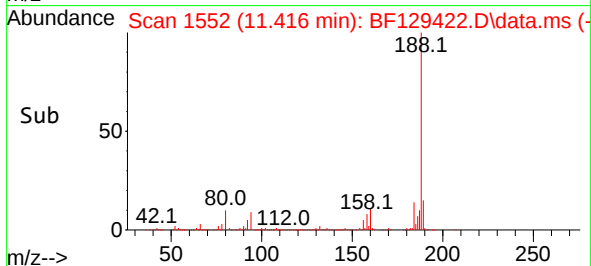
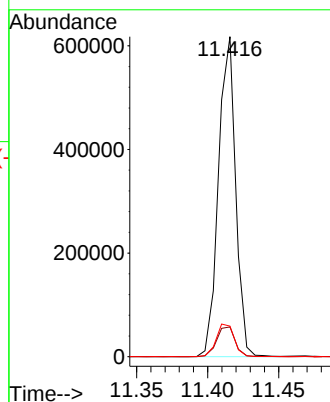
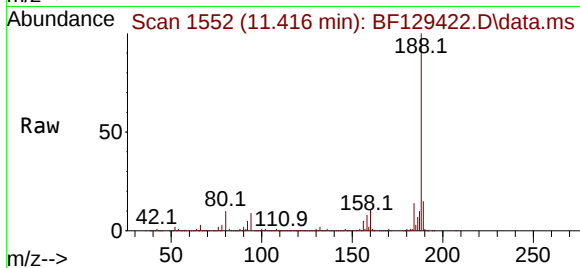
Tgt Ion:188 Resp: 519652

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.694 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

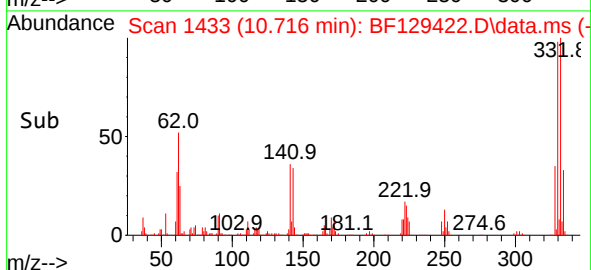
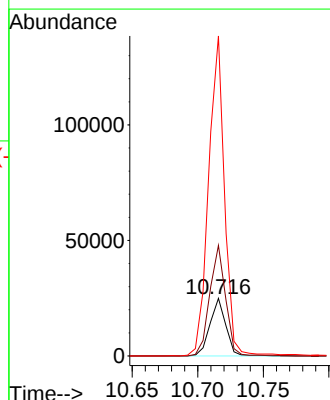
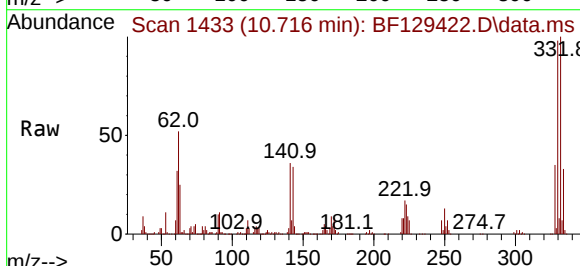
Tgt Ion:248 Resp: 21018

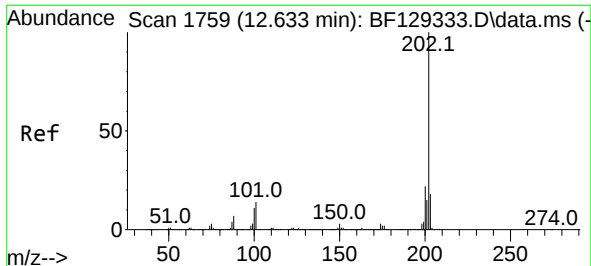
Ion Ratio Lower Upper

248 100

250 191.9 80.6 120.8#

141 555.6 58.9 88.3#

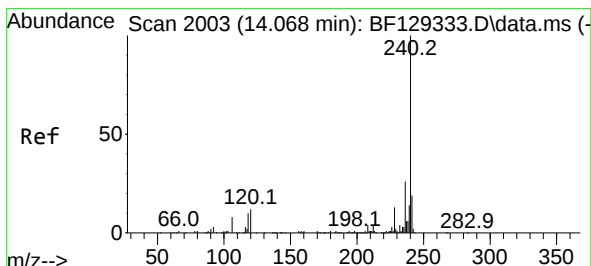
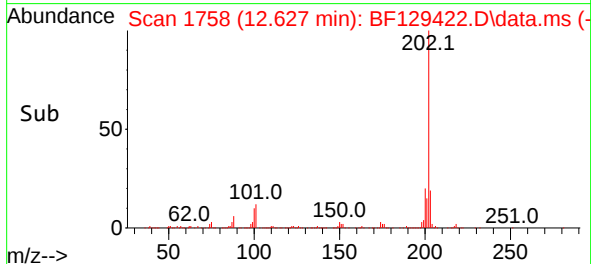
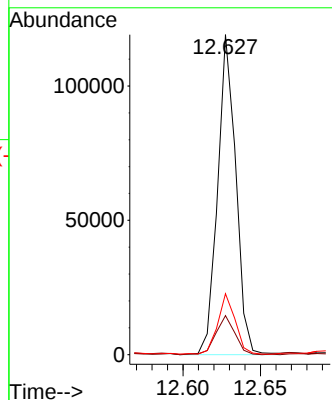
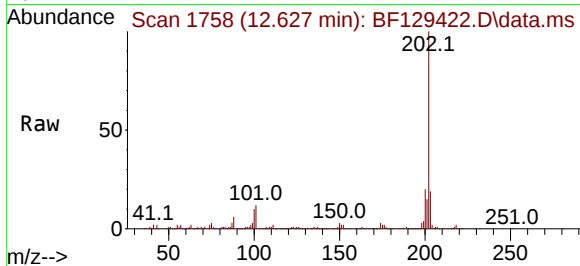




#75
Fluoranthene
Concen: 3.395 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

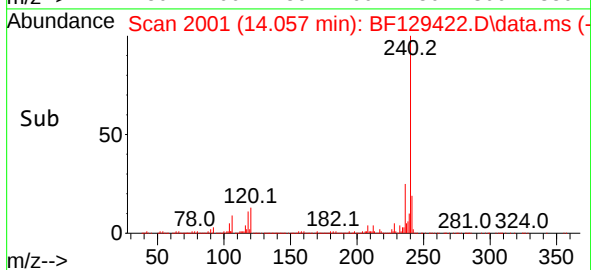
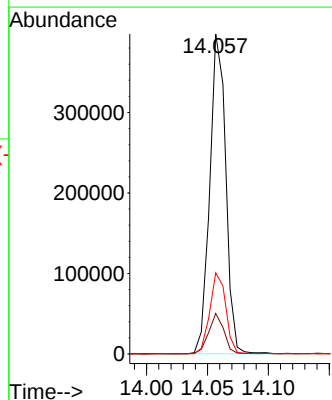
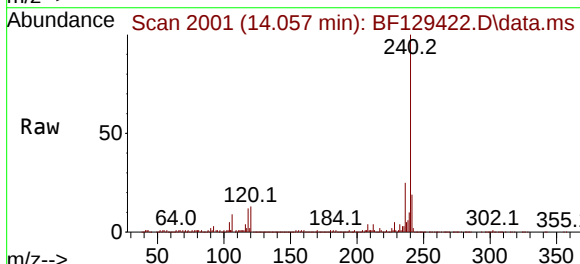
Instrument :
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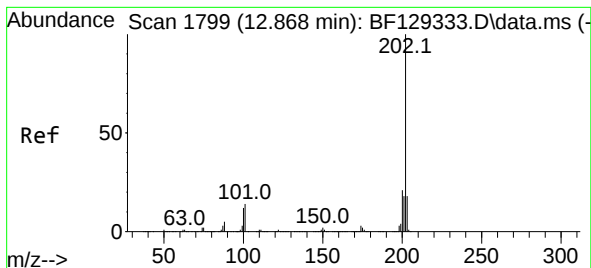
Tgt Ion:202 Resp: 97572
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 19.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion:240 Resp: 361887
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.4 20.8 31.2





#78

Pyrene

Concen: 3.094 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

Instrument :

BNA_F

ClientSampleId :

RVE-17

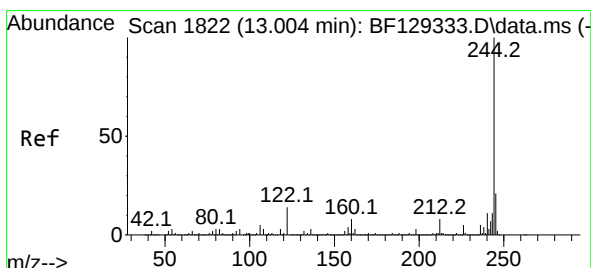
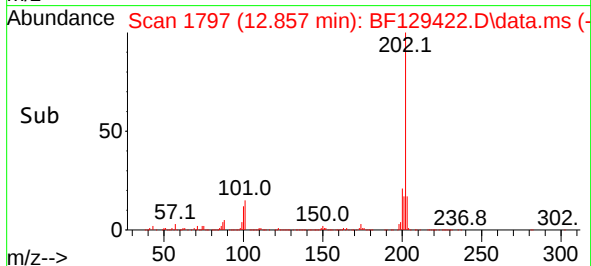
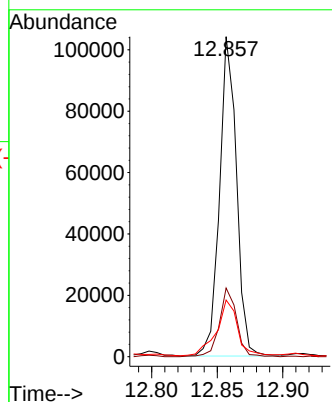
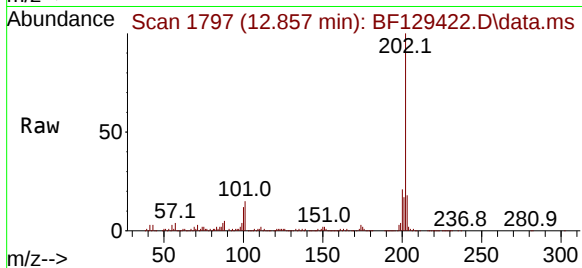
Tgt Ion:202 Resp: 93635

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

203 17.7 14.6 21.8



#79

Terphenyl-d14

Concen: 64.179 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

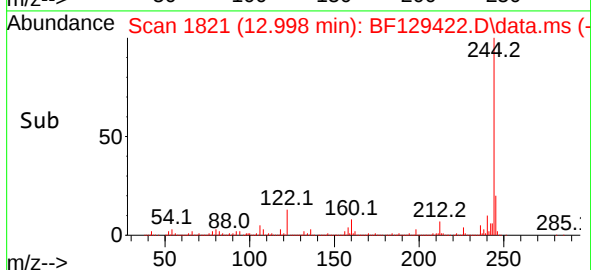
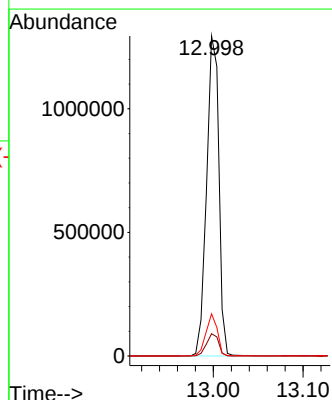
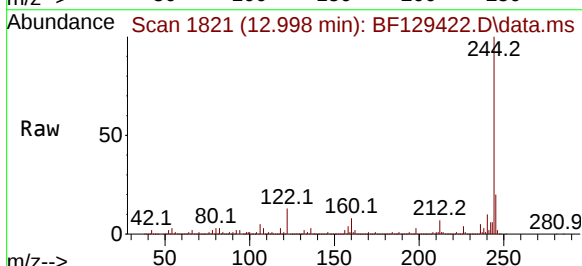
Tgt Ion:244 Resp: 1231100

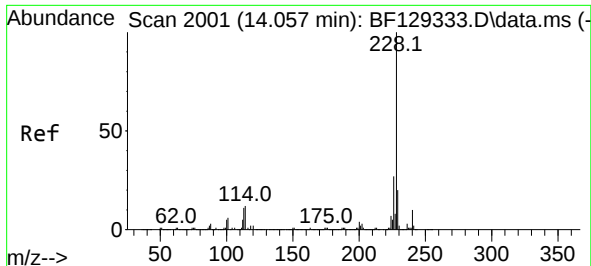
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 13.2 8.8 13.2

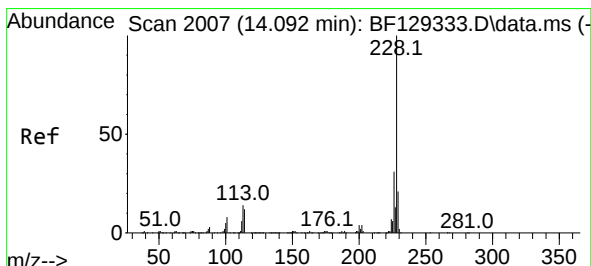
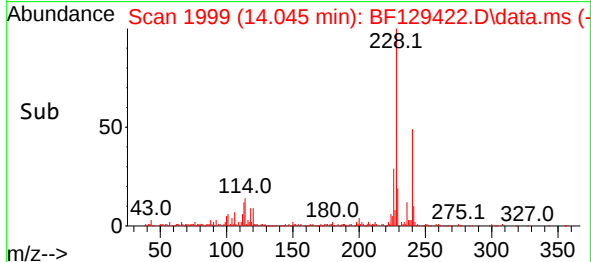
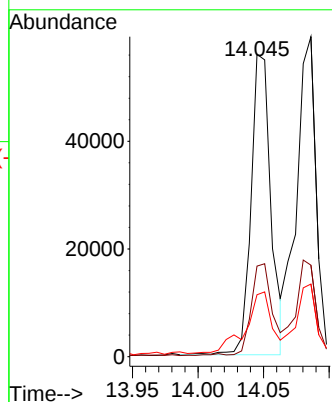
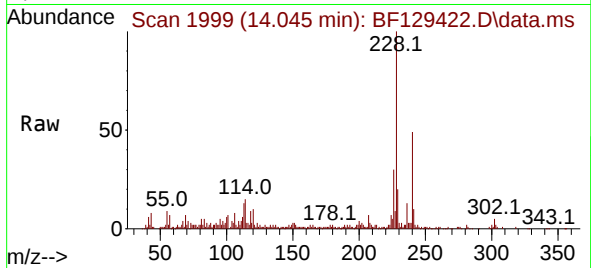




#81
Benzo(a)anthracene
Concen: 2.376 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

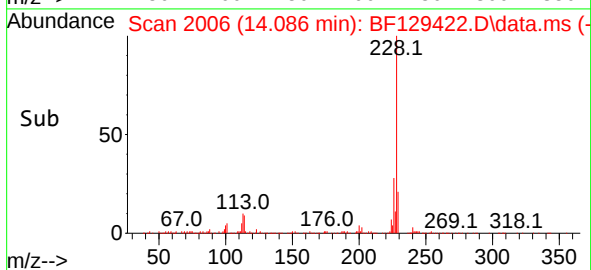
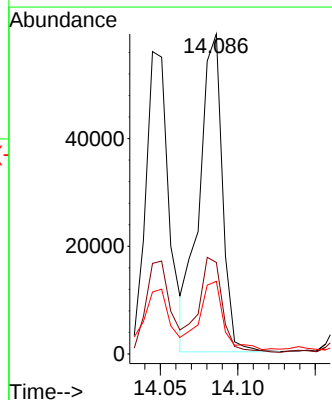
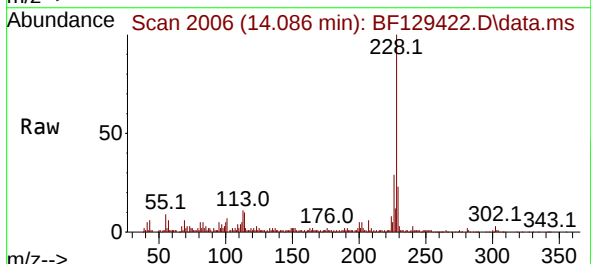
Instrument :
BNA_F
ClientSampleId :
RVE-17

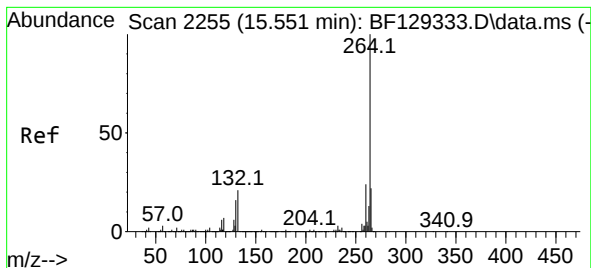
Tgt Ion:228 Resp: 58737
Ion Ratio Lower Upper
228 100
226 29.9 22.1 33.1
229 20.5 15.8 23.8



#83
Chrysene
Concen: 2.638 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion:228 Resp: 61462
Ion Ratio Lower Upper
228 100
226 28.6 24.3 36.5
229 22.7 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

Instrument :

BNA_F

ClientSampleId :

RVE-17

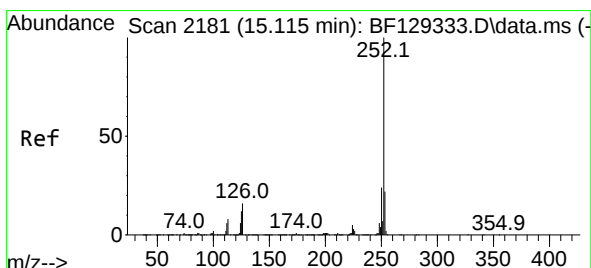
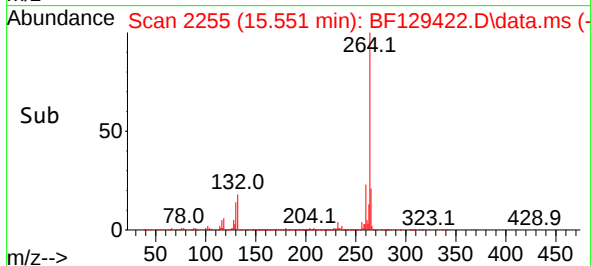
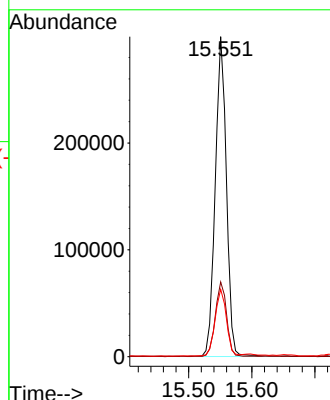
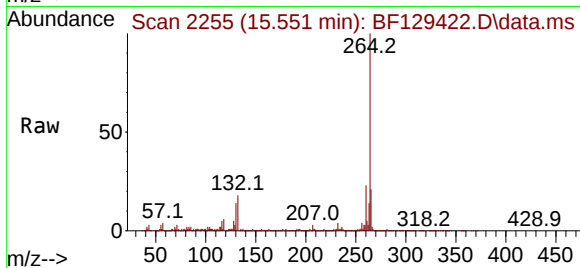
Tgt Ion:264 Resp: 366301

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.0 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 4.956 ng

RT: 15.110 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BF129422.D

Acq: 28 Jul 2022 22:30

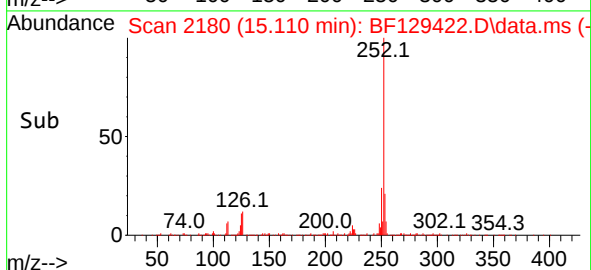
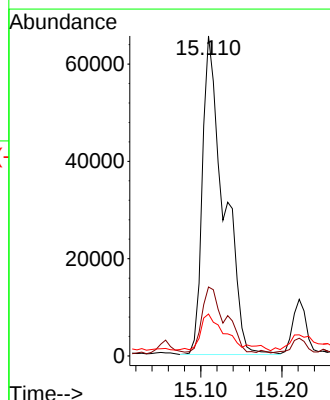
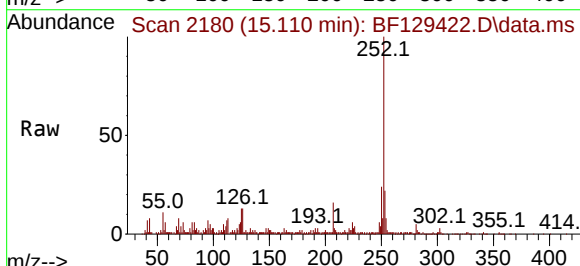
Tgt Ion:252 Resp: 120429

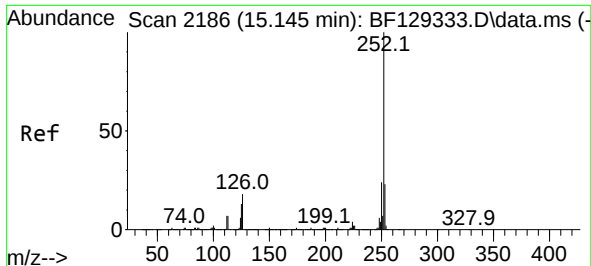
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 13.1 8.0 12.0#

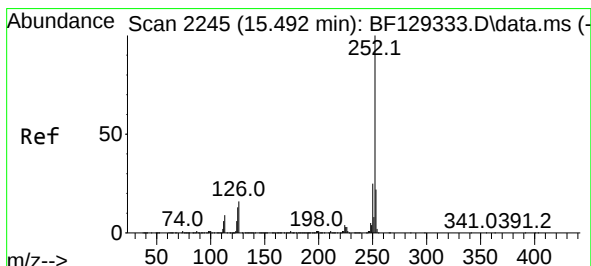
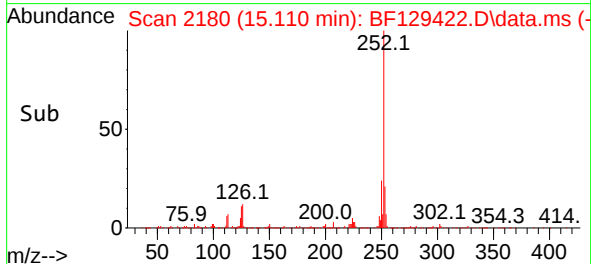
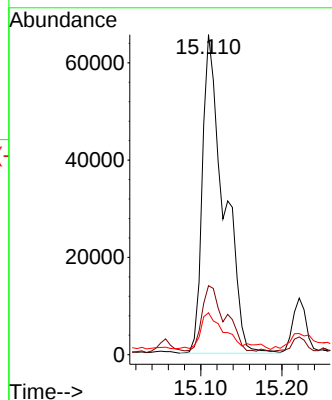
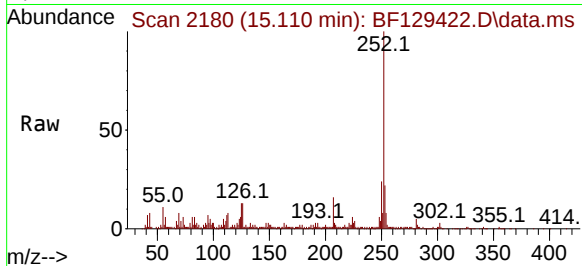




#89
Benzo(k)fluoranthene
Concen: 5.058 ng
RT: 15.110 min Scan# 2186
Delta R.T. -0.035 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Instrument :
BNA_F
ClientSampleId :
RVE-17

Tgt Ion:252 Resp: 120429
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 13.1 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 3.072 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129422.D
Acq: 28 Jul 2022 22:30

Tgt Ion:252 Resp: 60602
Ion Ratio Lower Upper
252 100
253 25.2 17.0 25.6
125 14.8 8.8 13.2#

