

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129425.D
 Acq On : 29 Jul 2022 00:09
 Operator : CG\JU
 Sample : N3893-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-19D

Quant Time: Jul 29 02:10:30 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)

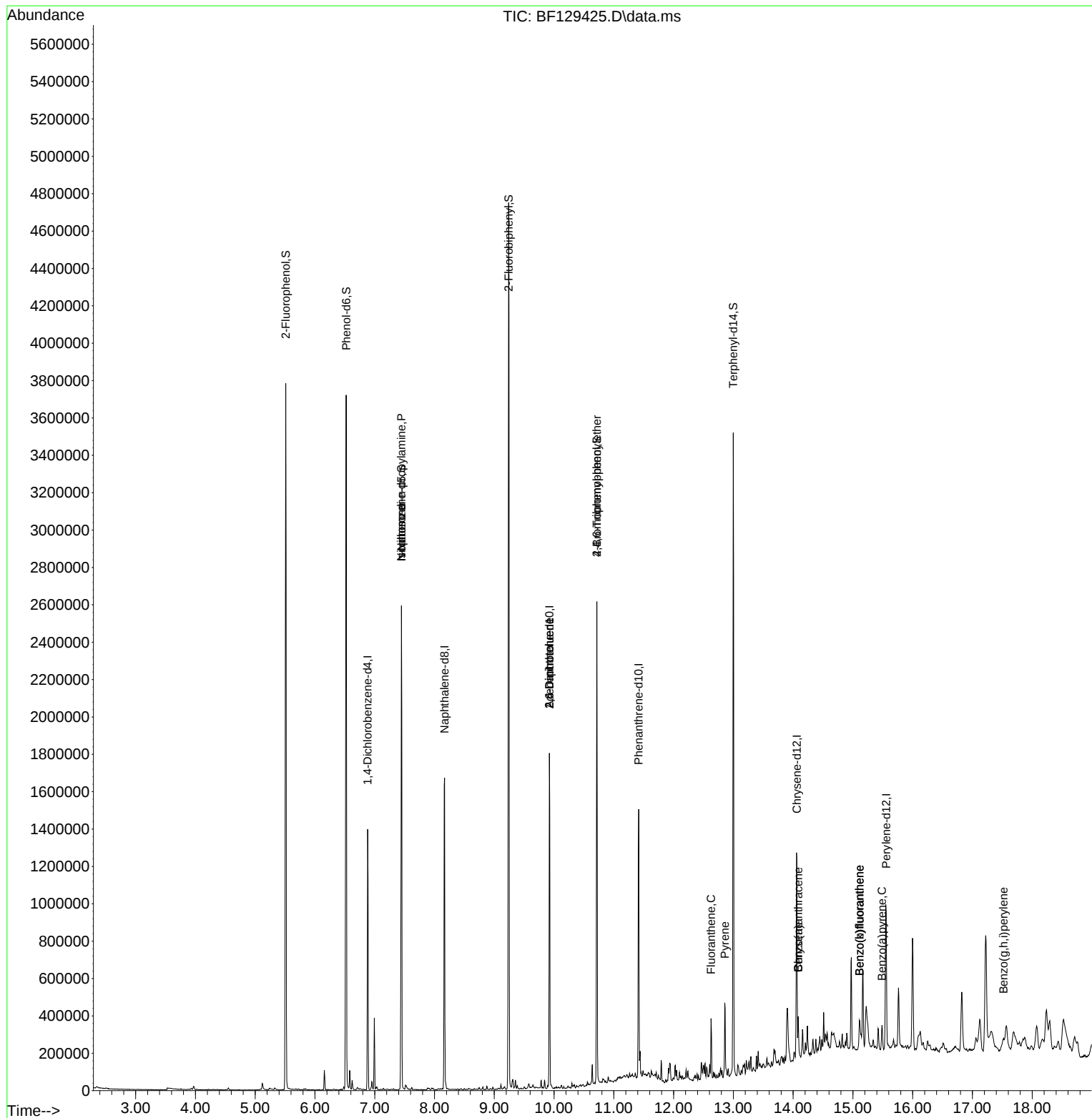
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	193004	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	745895	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	358834	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487110	20.000	ng	0.00
76) Chrysene-d12	14.063	240	369239	20.000	ng	0.00
86) Perylene-d12	15.557	264	336447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1006876	84.983	ng	0.01
7) Phenol-d6	6.522	99	1302095	87.434	ng	0.00
23) Nitrobenzene-d5	7.445	82	820921	60.079	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	270720	78.471	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1480362	63.819	ng	0.00
79) Terphenyl-d14	12.998	244	1121659	57.310	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	109178	12.110	ng	# 76
25) Isophorone	7.445	82	816459	33.335	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	47486	8.565	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	47486	6.556	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	17631	3.305	ng	# 1
75) Fluoranthene	12.628	202	106705	3.961	ng	98
78) Pyrene	12.857	202	153294	4.965	ng	98
81) Benzo(a)anthracene	14.086	228	86100	3.414	ng	94
83) Chrysene	14.086	228	86100	3.622	ng	98
88) Benzo(b)fluoranthene	15.110	252	116685	5.228	ng	# 96
89) Benzo(k)fluoranthene	15.110	252	116685	5.335	ng	# 96
90) Benzo(a)pyrene	15.486	252	59604	3.290	ng	# 93
92) Benzo(g,h,i)perylene	17.521	276	40433	2.146	ng	98

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

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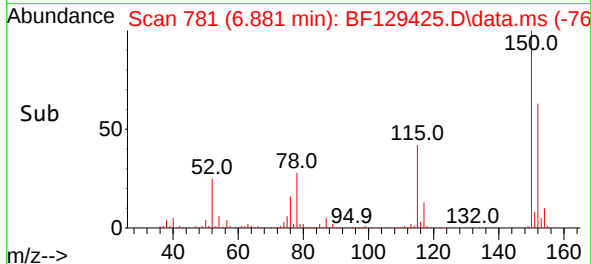
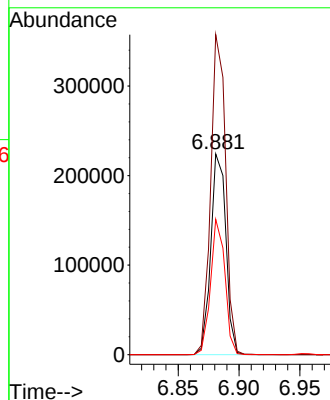
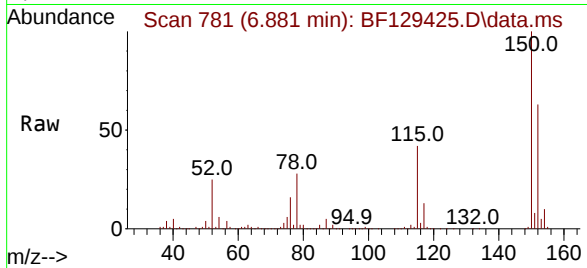




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129425.D
 Acq: 29 Jul 2022 00:09

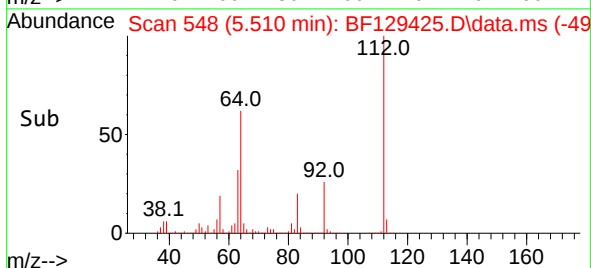
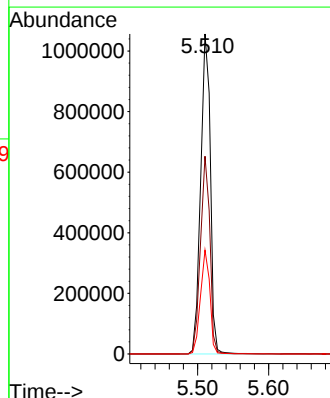
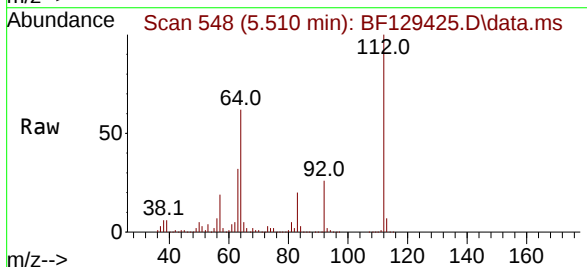
Instrument :
 BNA_F
 ClientSampleId :
 RVE-19D

Tgt Ion:152 Resp: 193004
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.7 185.5
 115 67.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 84.983 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129425.D
 Acq: 29 Jul 2022 00:09

Tgt Ion:112 Resp: 1006876
 Ion Ratio Lower Upper
 112 100
 64 61.8 53.3 79.9
 63 32.5 28.0 42.0

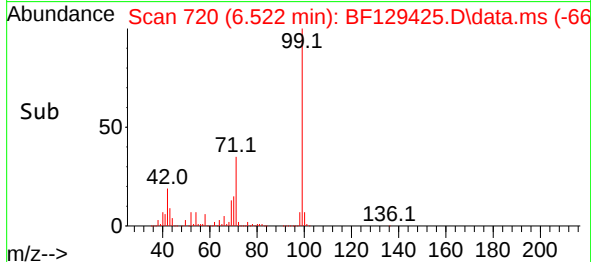
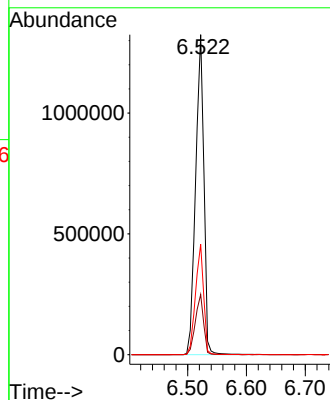
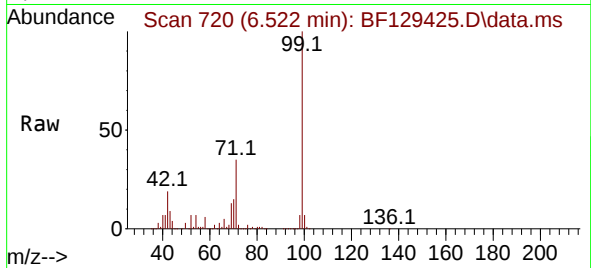




#7
Phenol-d6
Concen: 87.434 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

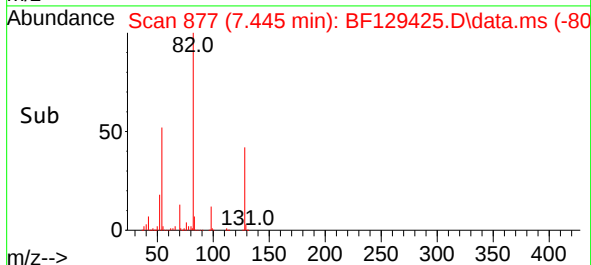
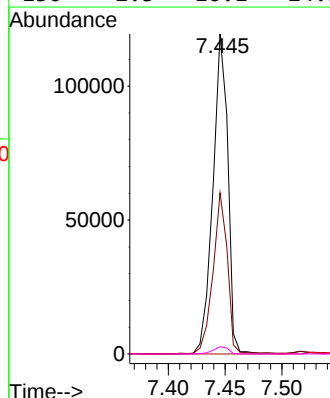
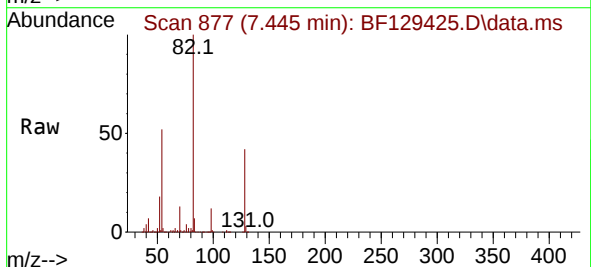
Instrument :
BNA_F
ClientSampleId :
RVE-19D

Tgt Ion: 99 Resp: 1302095
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 34.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.110 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion: 70 Resp: 109178
Ion Ratio Lower Upper
70 100
42 50.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

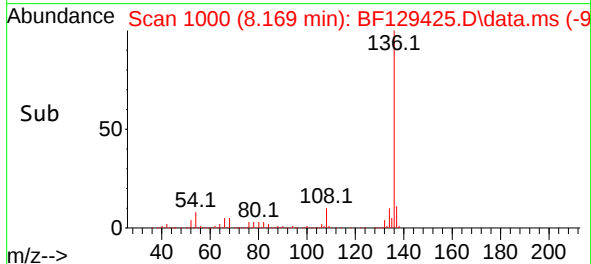
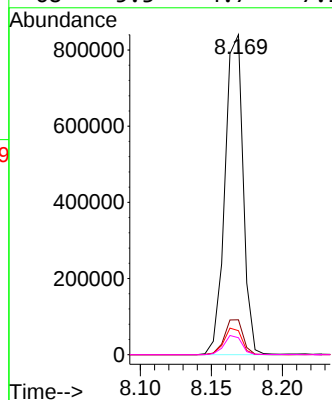
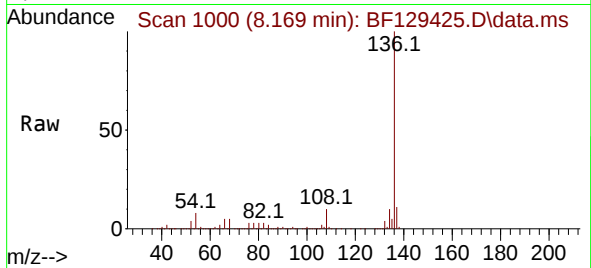




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

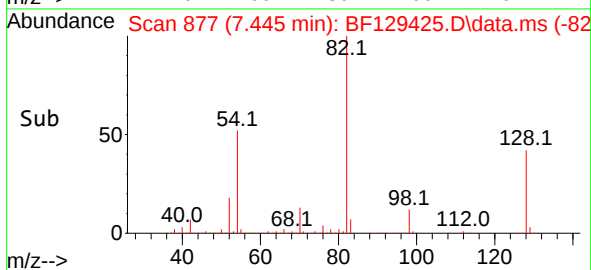
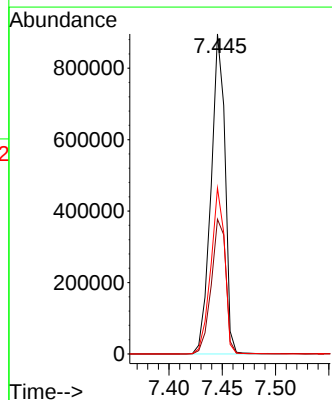
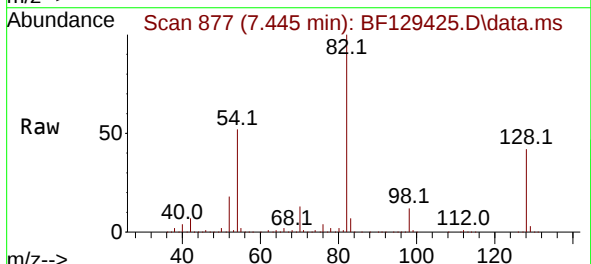
Instrument :
BNA_F
ClientSampleId :
RVE-19D

Tgt Ion:136 Resp: 745895
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 7.5 11.3#
68 5.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 60.079 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion: 82 Resp: 820921
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 51.9 46.9 70.3

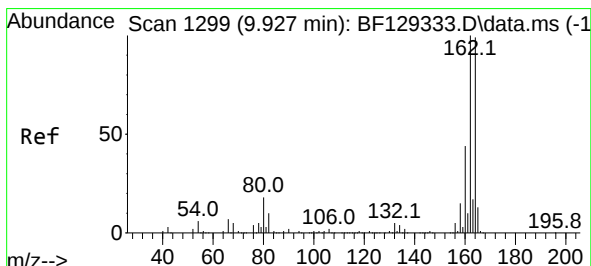
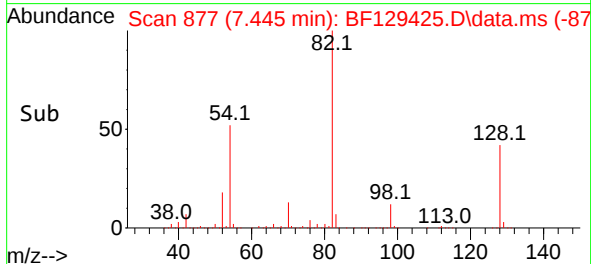
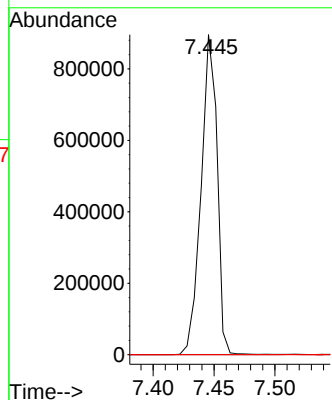
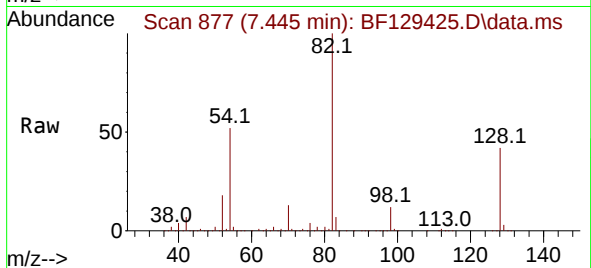




#25
Isophorone
Concen: 33.335 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

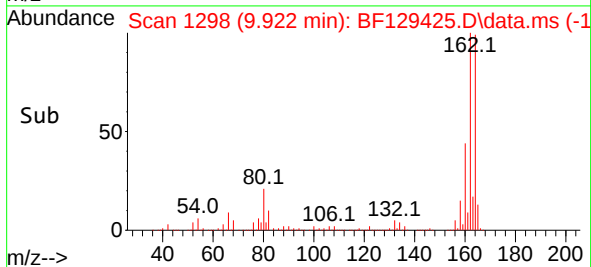
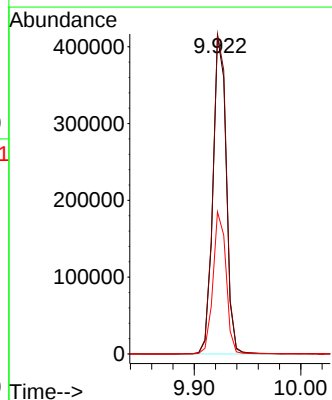
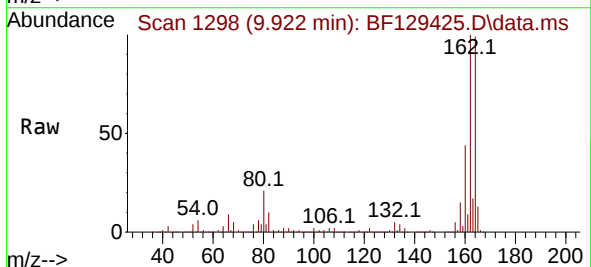
Instrument :
BNA_F
ClientSampleId :
RVE-19D

Tgt Ion: 82 Resp: 816459
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: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:164 Resp: 358834
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.6 34.2 51.4

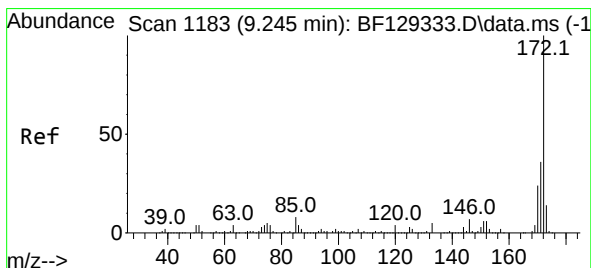
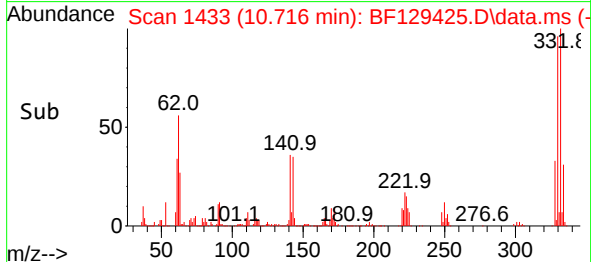
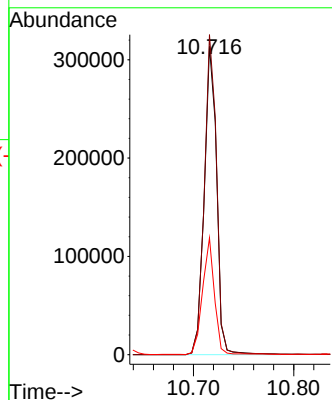
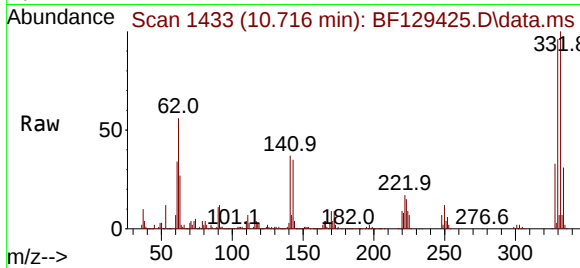




#42
2,4,6-Tribromophenol
Concen: 78.471 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

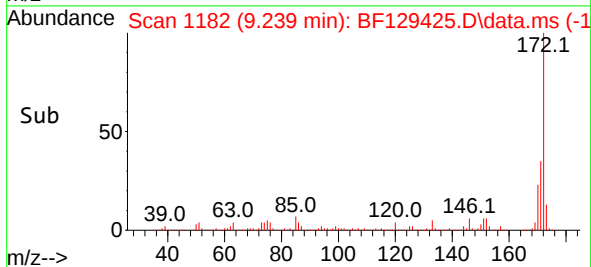
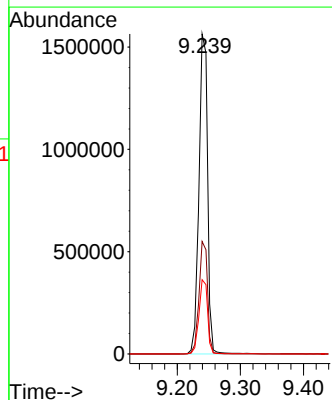
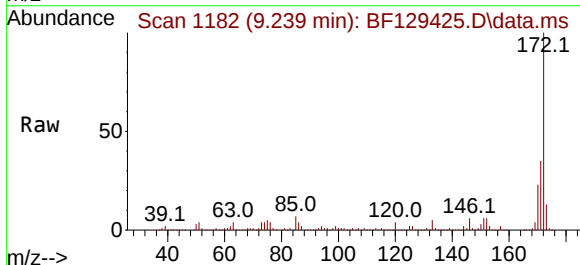
Instrument :
BNA_F
ClientSampleId :
RVE-19D

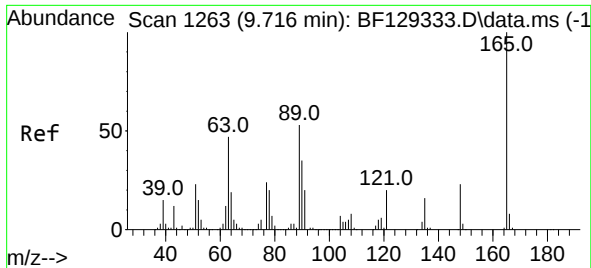
Tgt Ion:330 Resp: 270720
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 36.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 63.819 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:172 Resp: 1480362
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.2 19.8 29.8

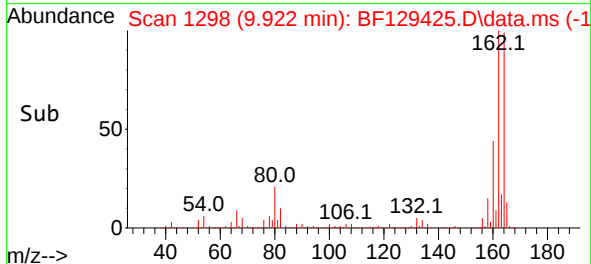
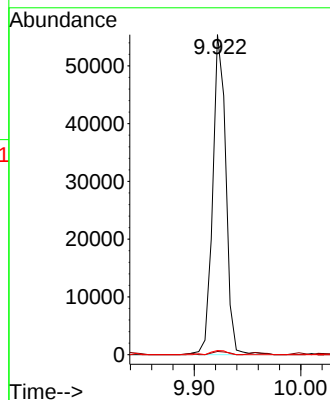
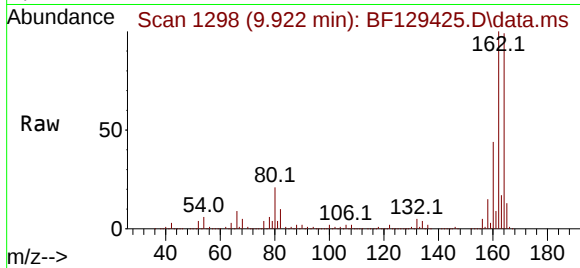




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

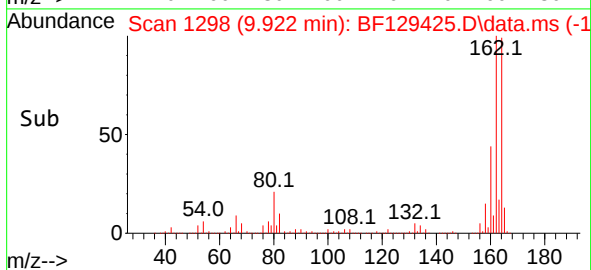
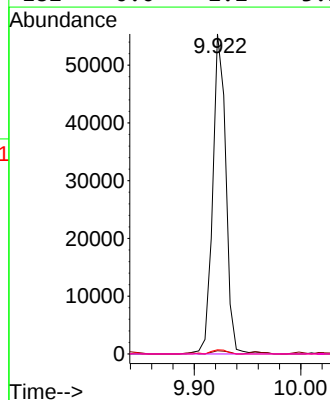
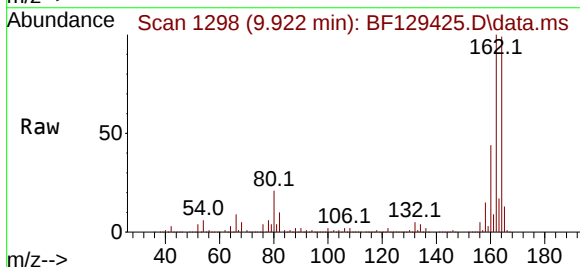
Instrument :
BNA_F
ClientSampleId :
RVE-19D

Tgt Ion:165 Resp: 47486
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:165 Resp: 47486
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

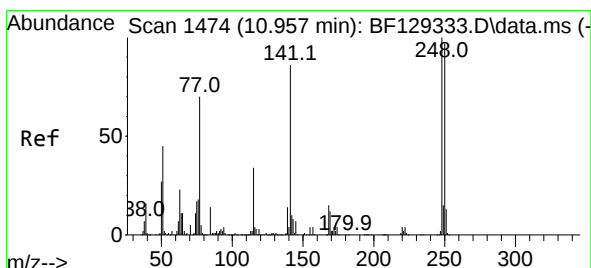
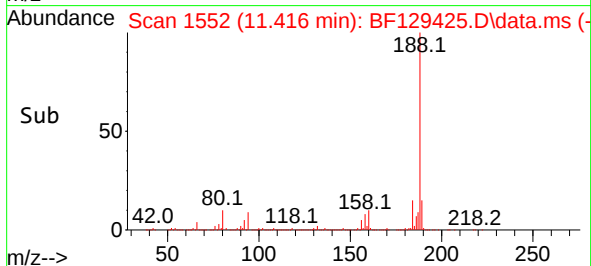
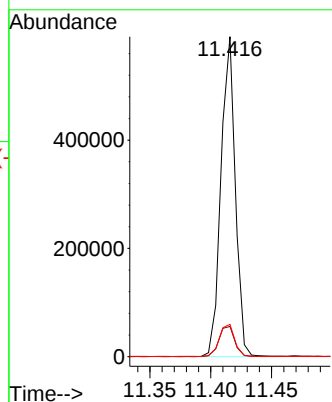
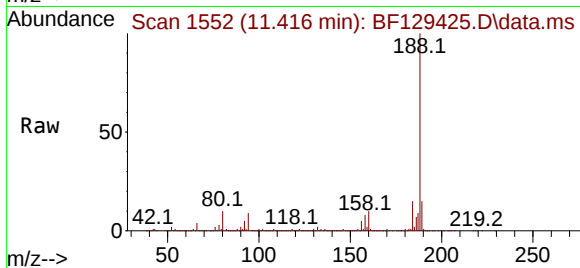




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

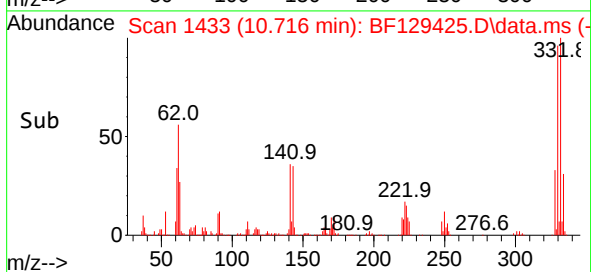
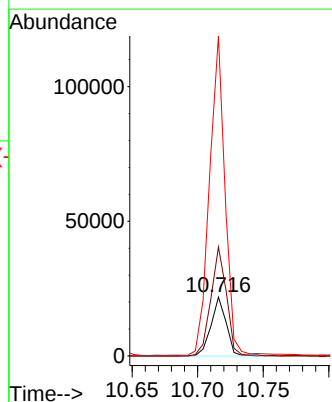
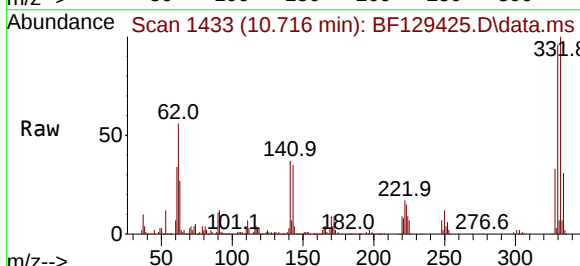
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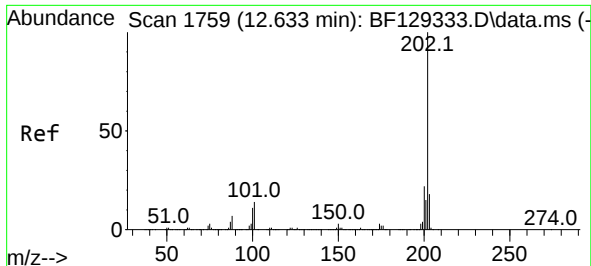
Tgt Ion:188 Resp: 487110
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.305 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:248 Resp: 17631
Ion Ratio Lower Upper
248 100
250 185.2 80.6 120.8#
141 544.0 58.9 88.3#

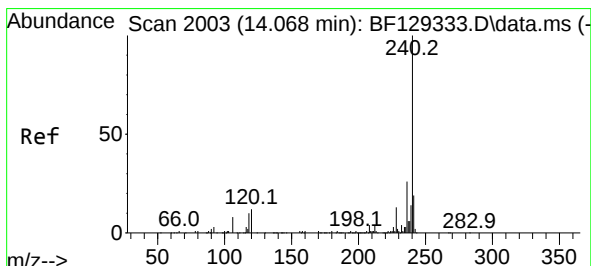
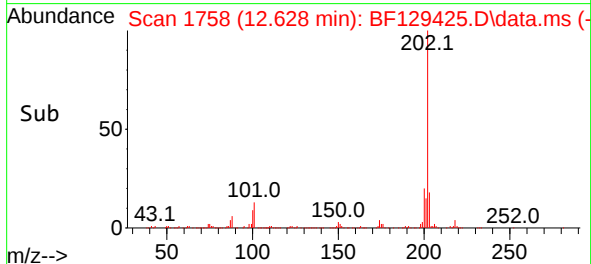
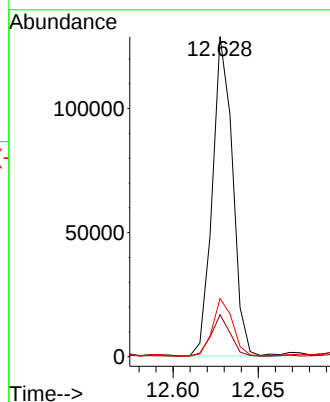
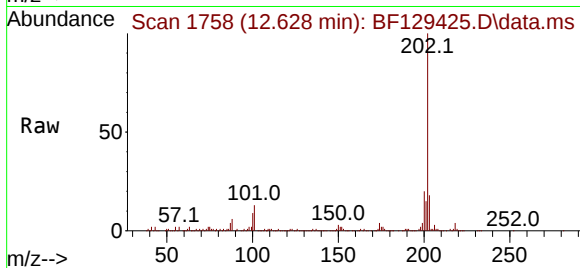




#75
Fluoranthene
Concen: 3.961 ng
RT: 12.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

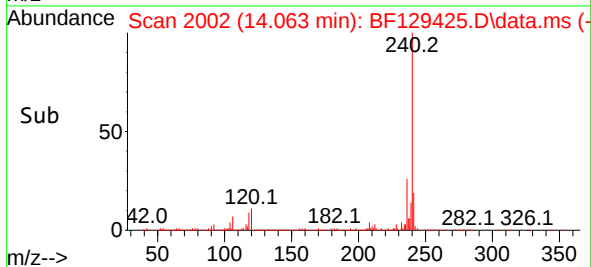
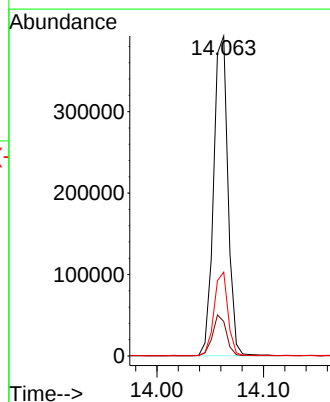
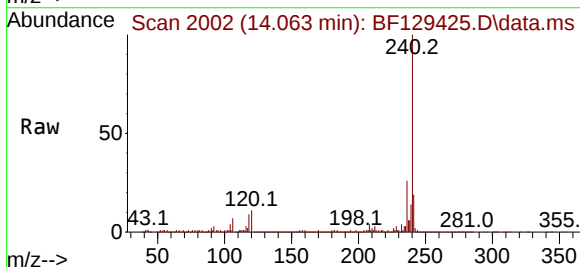
Instrument :
BNA_F
ClientSampleId :
RVE-19D

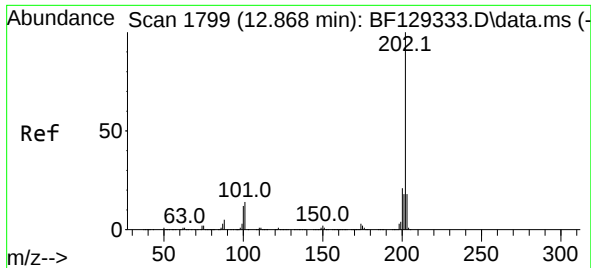
Tgt Ion:202 Resp: 106705
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:240 Resp: 369239
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.2 20.8 31.2

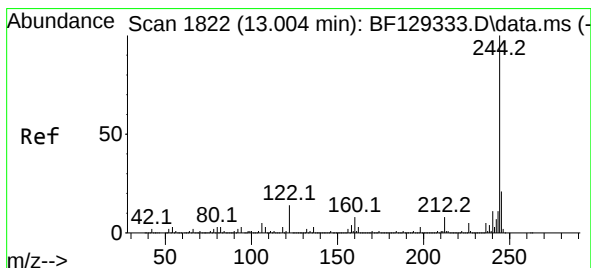
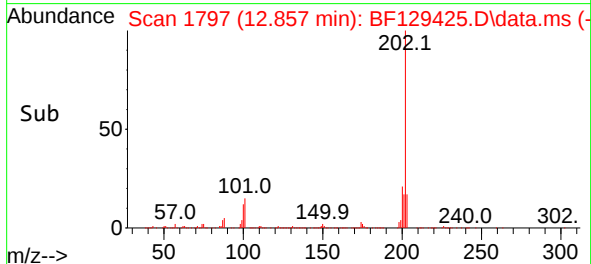
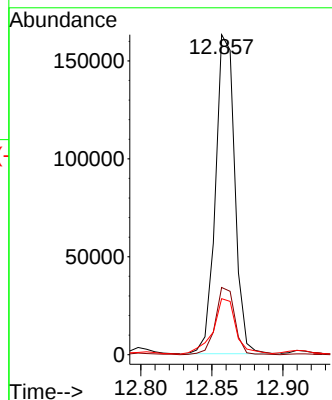
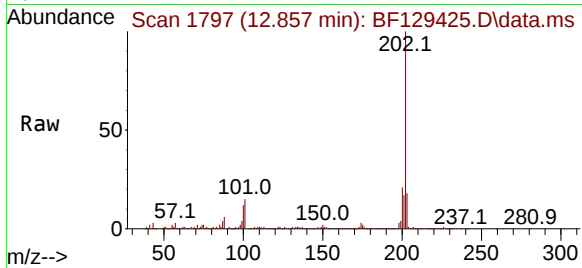




#78
Pyrene
Concen: 4.965 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

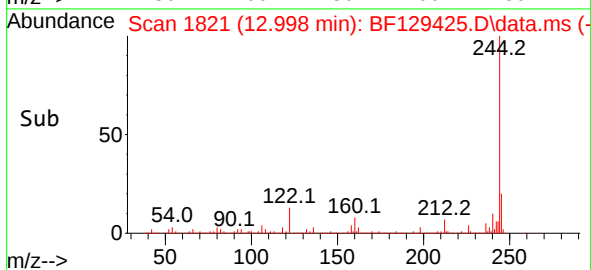
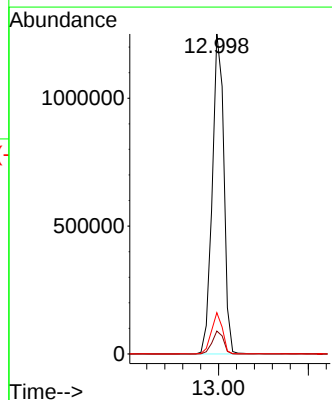
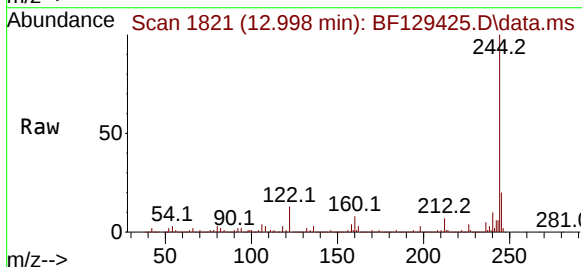
Instrument :
BNA_F
ClientSampleId :
RVE-19D

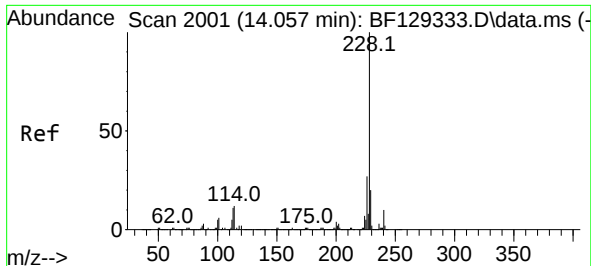
Tgt Ion:202 Resp: 153294
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.5 14.6 21.8



#79
Terphenyl-d14
Concen: 57.310 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:244 Resp: 1121659
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.9 8.8 13.2

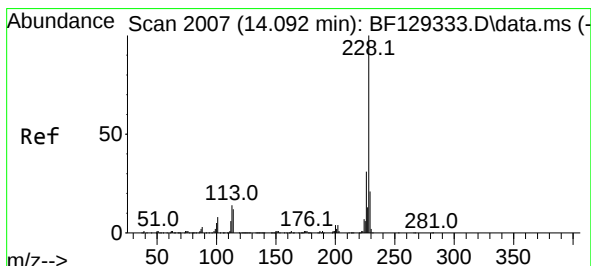
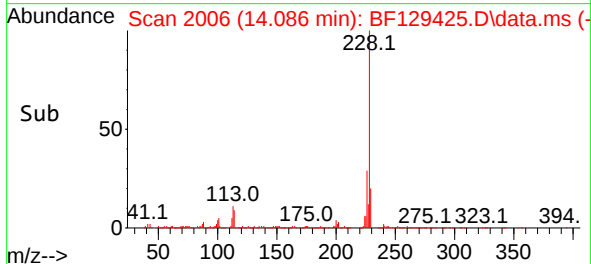
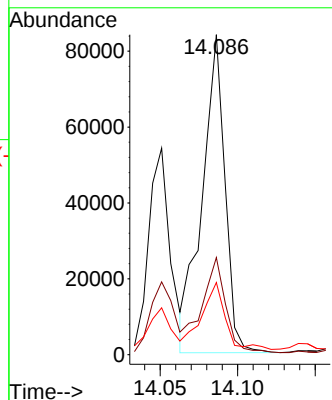
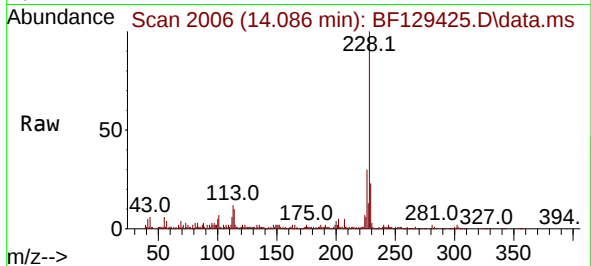




#81
Benzo(a)anthracene
Concen: 3.414 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.030 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

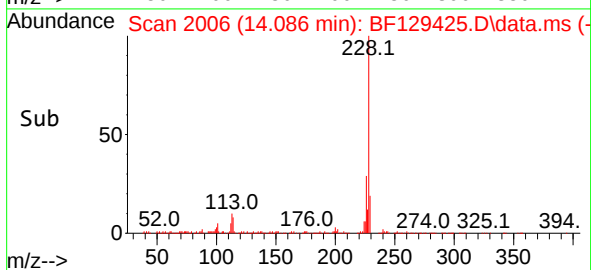
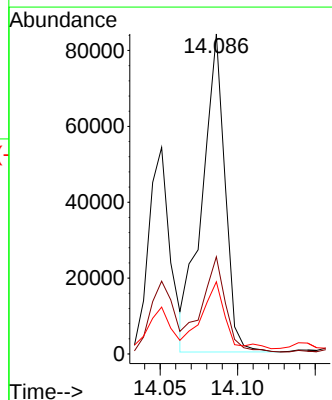
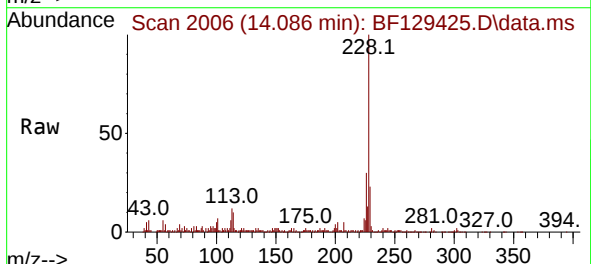
Instrument :
BNA_F
ClientSampleId :
RVE-19D

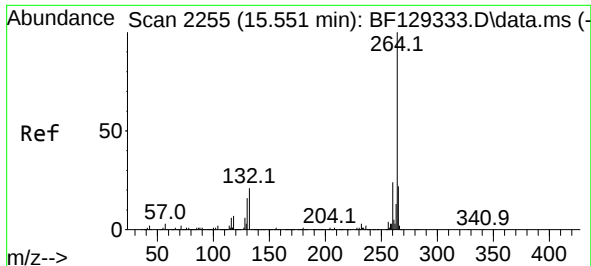
Tgt Ion:228 Resp: 86100
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 22.5 15.8 23.8



#83
Chrysene
Concen: 3.622 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:228 Resp: 86100
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.5 15.9 23.9



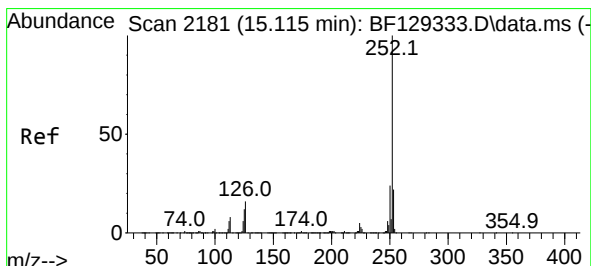
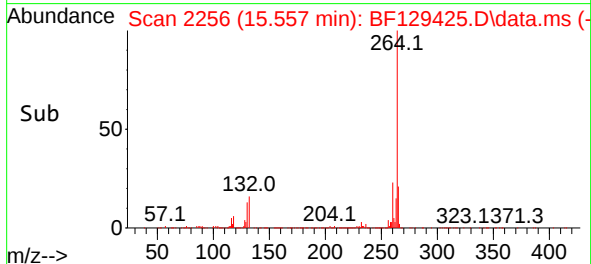
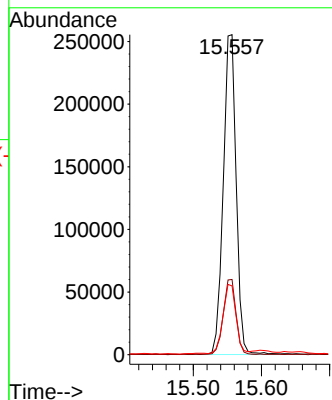
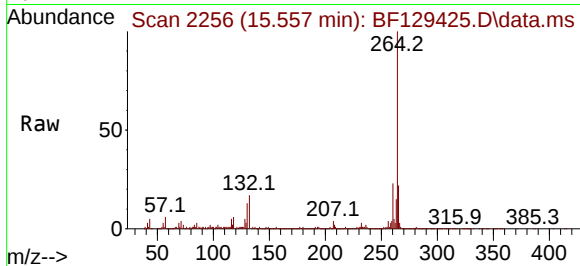


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Instrument :
BNA_F
ClientSampleId :
RVE-19D

Tgt Ion:264 Resp: 336447

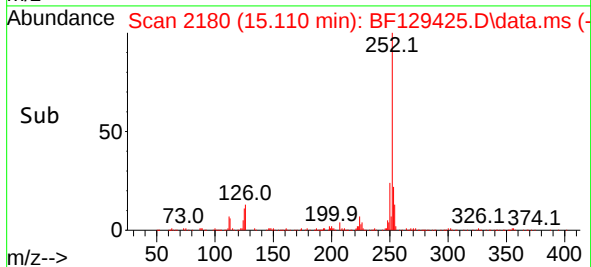
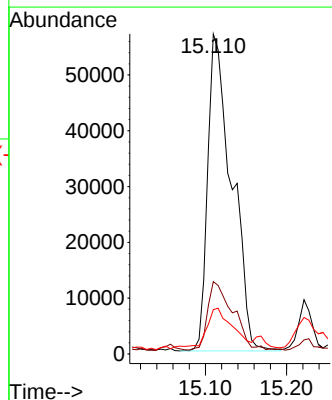
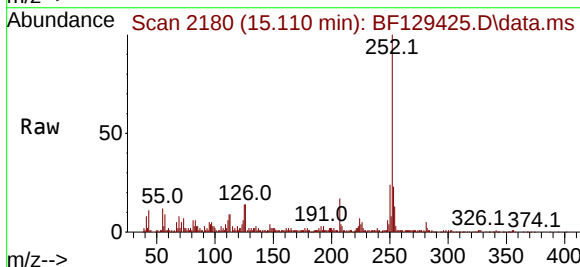
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.5	17.2	25.8

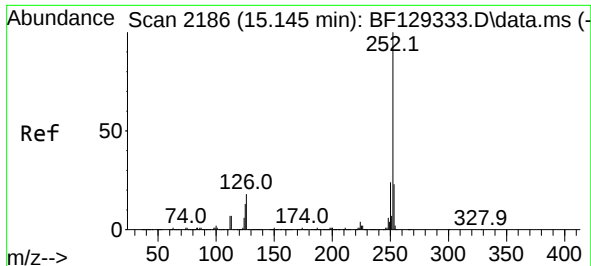


#88
Benzo(b)fluoranthene
Concen: 5.228 ng
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129425.D
Acq: 29 Jul 2022 00:09

Tgt Ion:252 Resp: 116685

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	13.9	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 5.335 ng

RT: 15.110 min Scan# 2186

Delta R.T. -0.035 min

Lab File: BF129425.D

Acq: 29 Jul 2022 00:09

Instrument :

BNA_F

ClientSampleId :

RVE-19D

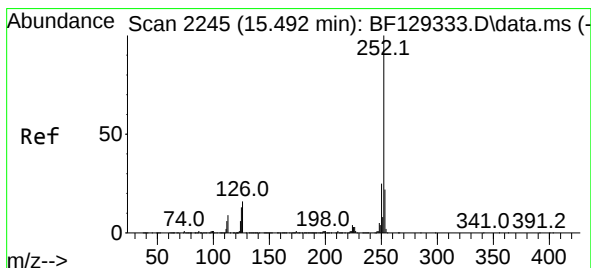
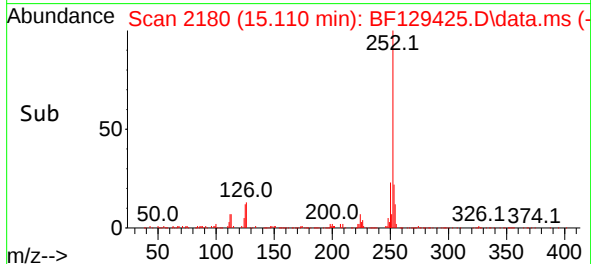
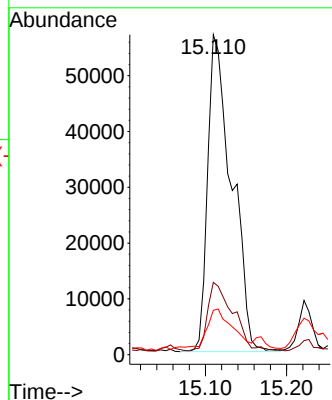
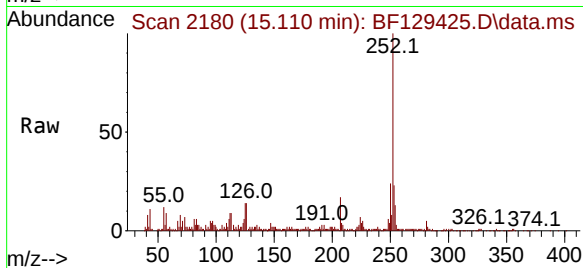
Tgt Ion:252 Resp: 116685

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 13.9 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 3.290 ng

RT: 15.486 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF129425.D

Acq: 29 Jul 2022 00:09

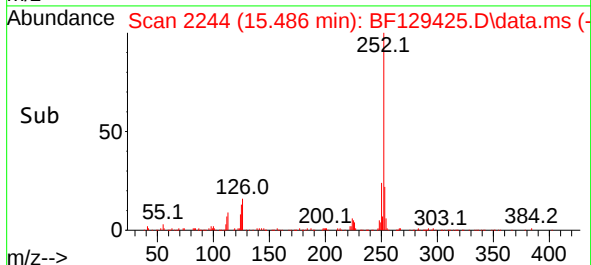
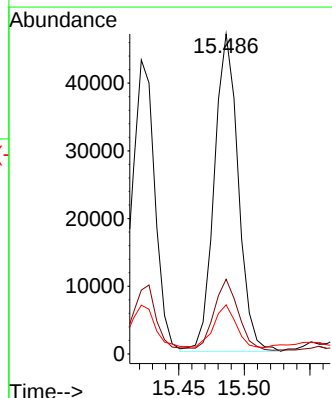
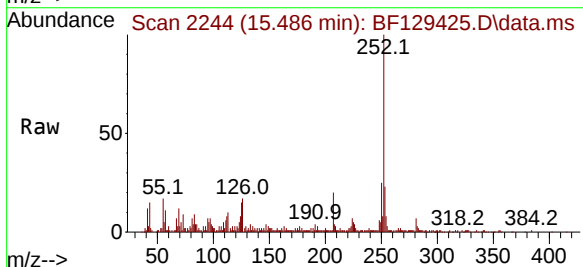
Tgt Ion:252 Resp: 59604

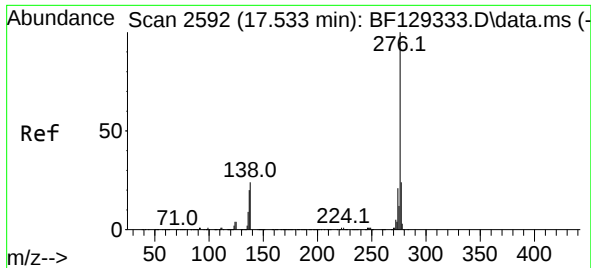
Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

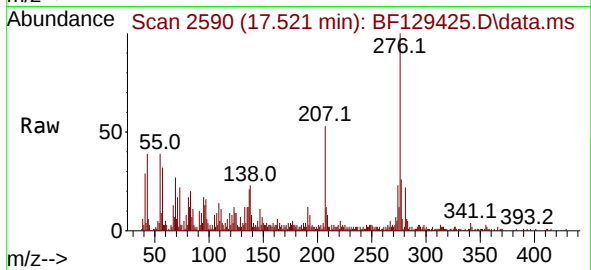
125 15.4 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.146 ng
 RT: 17.521 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129425.D
 Acq: 29 Jul 2022 00:09

Instrument :
 BNA_F
 ClientSampleId :
 RVE-19D



Tgt Ion:276 Resp: 40433
 Ion Ratio Lower Upper
 276 100
 277 26.1 19.1 28.7
 138 22.7 18.0 27.0

