

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129583.D
 Acq On : 04 Aug 2022 22:39
 Operator : CG\JU
 Sample : N3931-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-114

Quant Time: Aug 05 02:10:23 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)

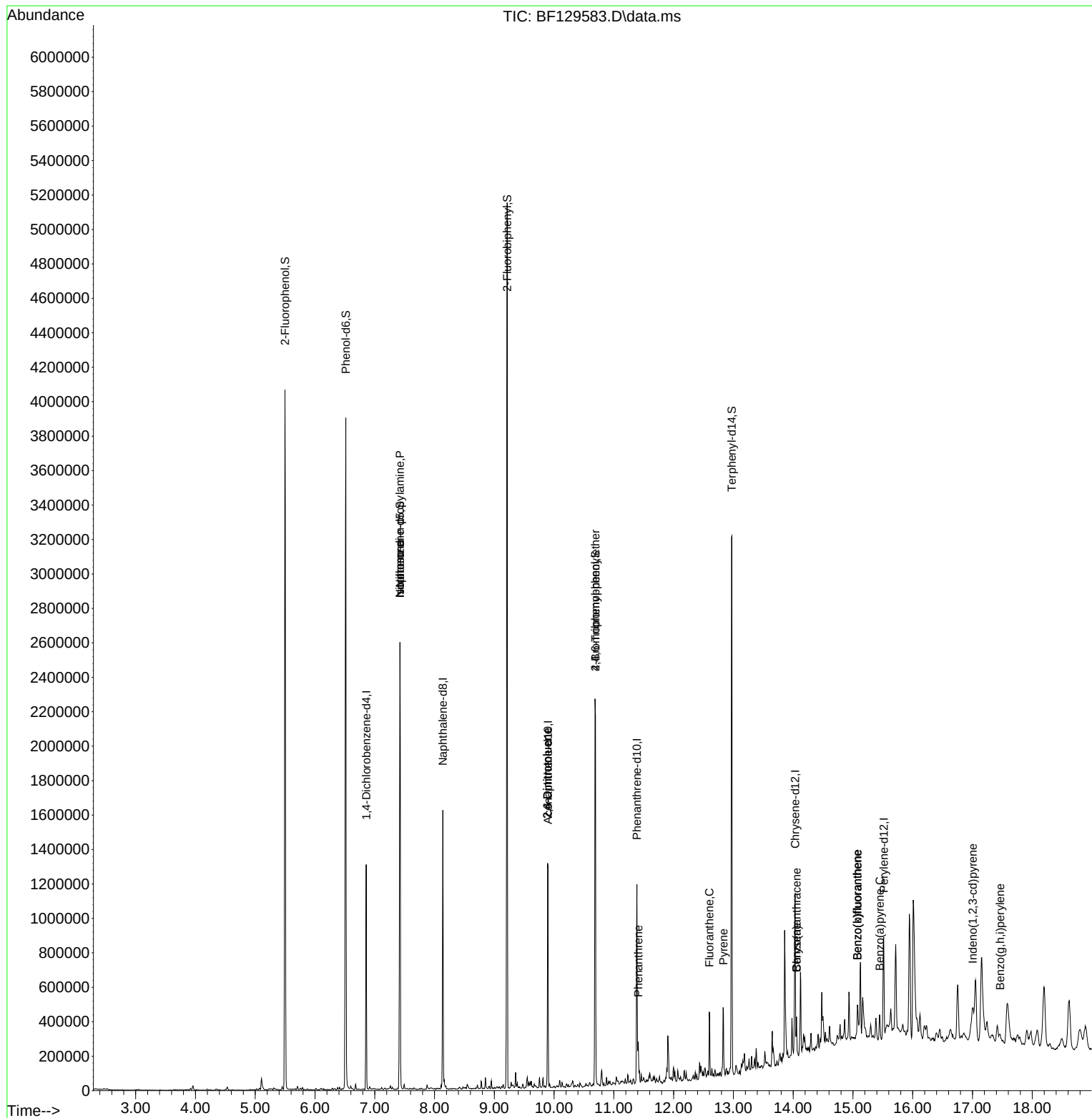
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	171852	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	629086	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	276517	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	383273	20.000	ng	0.00
76) Chrysene-d12	14.033	240	302127	20.000	ng	0.00
86) Perylene-d12	15.515	264	251883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1115833	105.771	ng	0.00
7) Phenol-d6	6.516	99	1364379	102.893	ng	0.00
23) Nitrobenzene-d5	7.422	82	882639	76.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	265514	99.873	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1452606	81.265	ng	0.00
79) Terphenyl-d14	12.974	244	1126282	70.329	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	117600	14.650	ng	# 74
25) Isophorone	7.422	82	878268	42.517	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	36609	8.569	ng	# 26
57) 2,4-Dinitrotoluene	9.892	165	36609	6.559	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	17349	4.134	ng	# 1
71) Phenanthrene	11.410	178	75238	3.596	ng	99
75) Fluoranthene	12.598	202	138210	6.520	ng	97
78) Pyrene	12.833	202	150841	5.970	ng	95
81) Benzo(a)anthracene	14.056	228	91401	4.429	ng	96
83) Chrysene	14.056	228	91401	4.699	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	38634	2.278	ng	96
88) Benzo(b)fluoranthene	15.074	252	133681	8.001	ng	# 96
89) Benzo(k)fluoranthene	15.074	252	133681	8.164	ng	# 96
90) Benzo(a)pyrene	15.451	252	60012	4.425	ng	# 97
92) Benzo(g,h,i)perylene	17.462	276	41787	2.962	ng	95

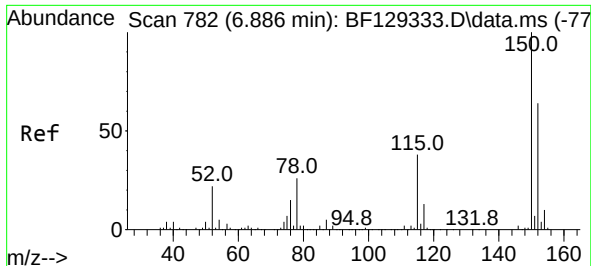
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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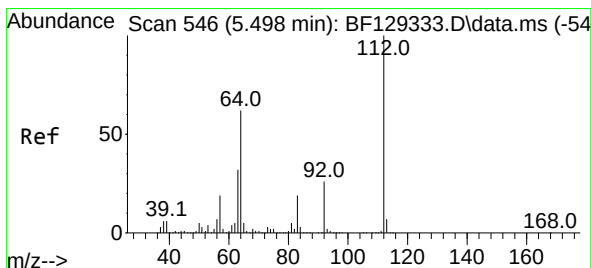
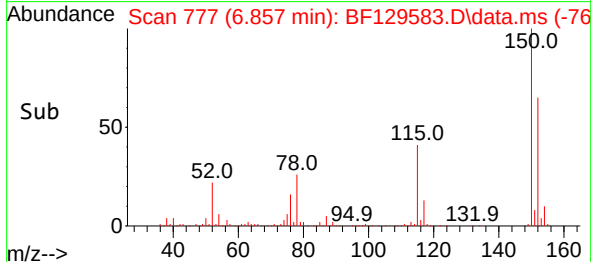
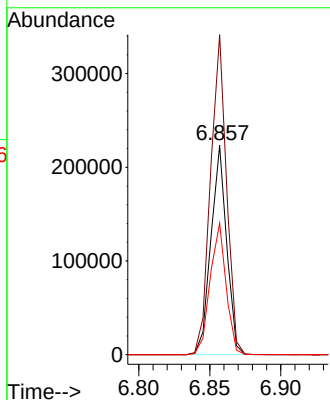
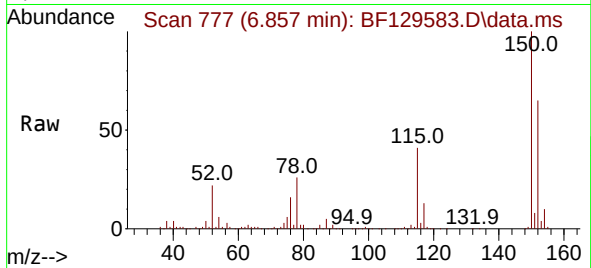




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129583.D
 Acq: 04 Aug 2022 22:39

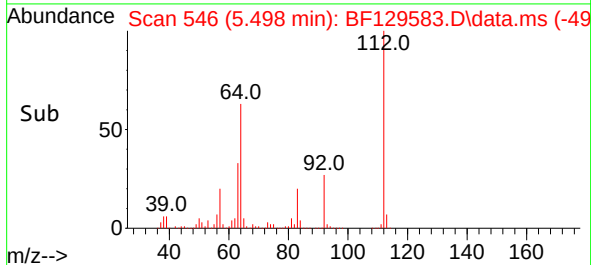
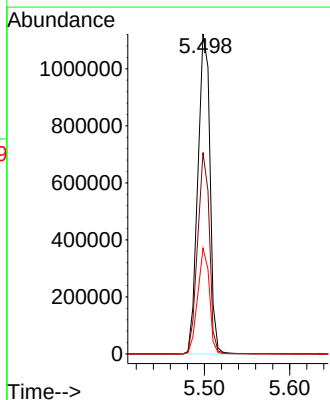
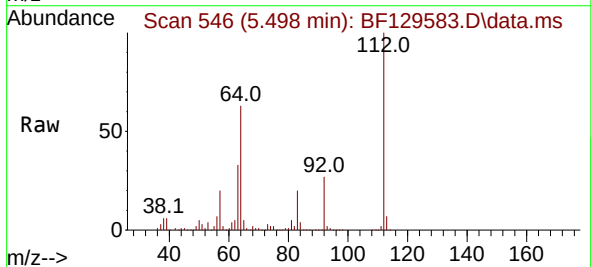
Instrument :
 BNA_F
 ClientSampleId :
 RVE-114

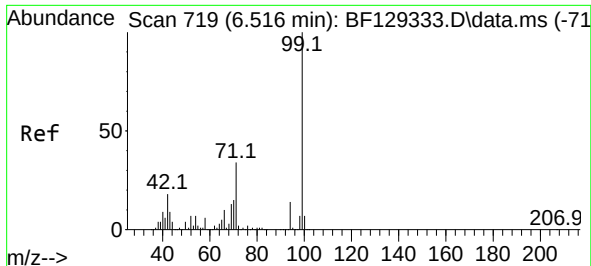
Tgt Ion:152 Resp: 171852
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.7 185.5
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 105.771 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129583.D
 Acq: 04 Aug 2022 22:39

Tgt Ion:112 Resp: 1115833
 Ion Ratio Lower Upper
 112 100
 64 62.9 53.3 79.9
 63 33.1 28.0 42.0



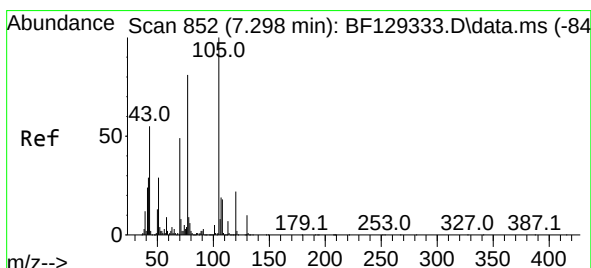
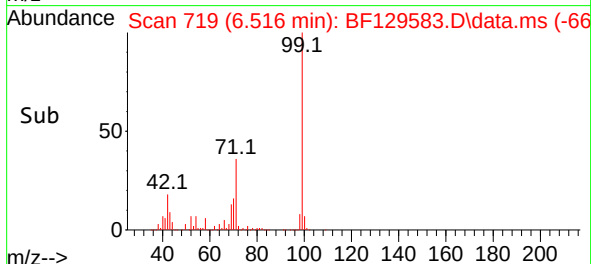
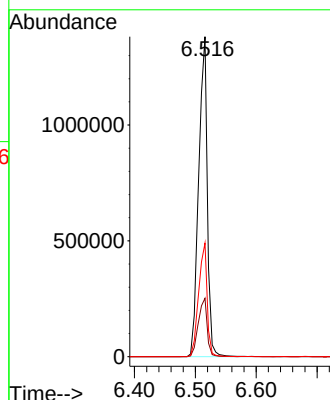
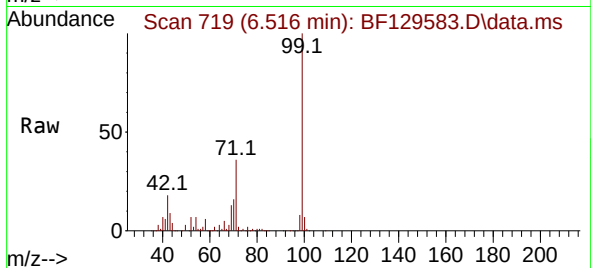


#7
Phenol-d6
Concen: 102.893 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Instrument :
BNA_F
ClientSampleId :
RVE-114

Tgt Ion: 99 Resp: 1364379

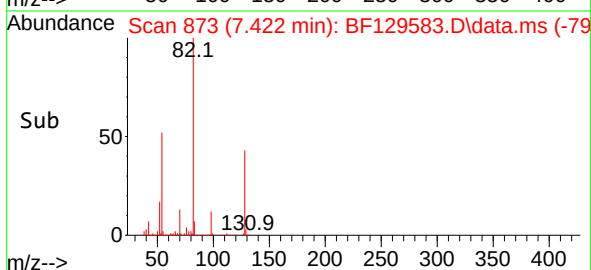
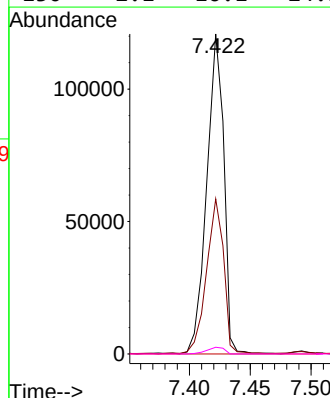
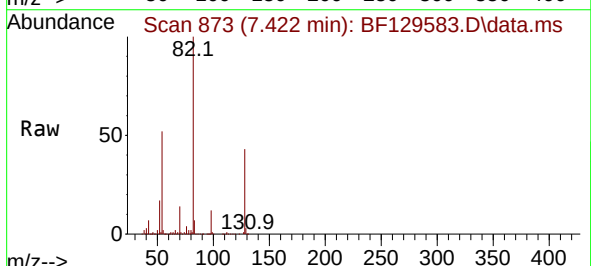
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	35.5	28.9	43.3

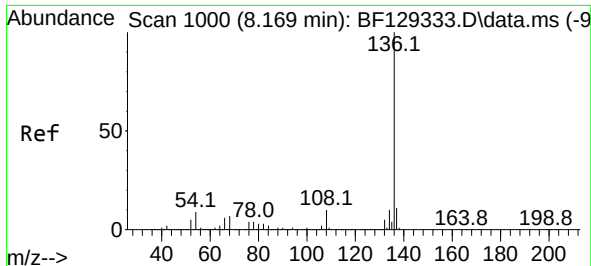


#19
n-Nitroso-di-n-propylamine
Concen: 14.650 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion: 70 Resp: 117600

Ion	Ratio	Lower	Upper
70	100		
42	48.4	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#



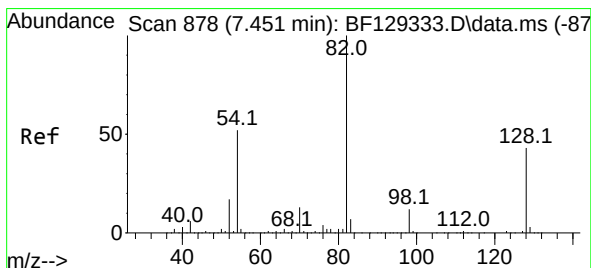
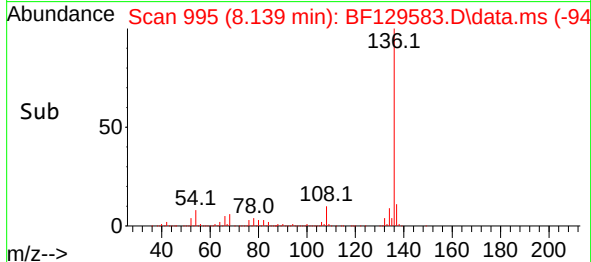
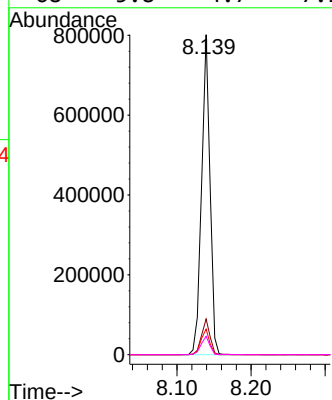
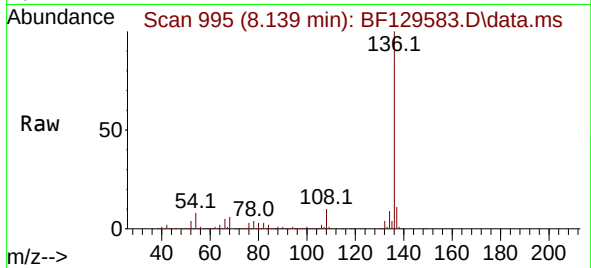


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Instrument :
BNA_F
ClientSampleId :
RVE-114

Tgt Ion:136 Resp: 629086

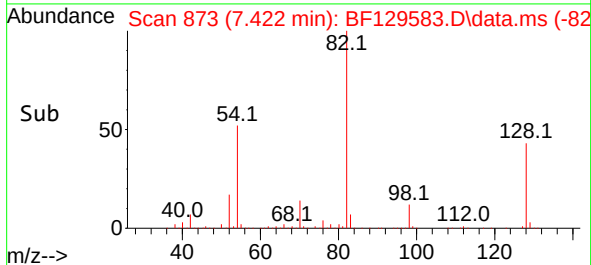
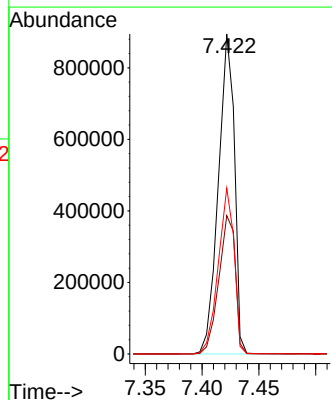
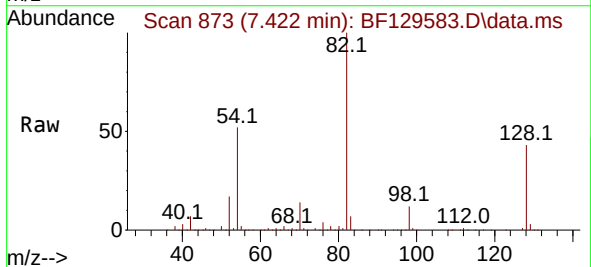
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	7.5	11.3
68	5.8	4.7	7.1

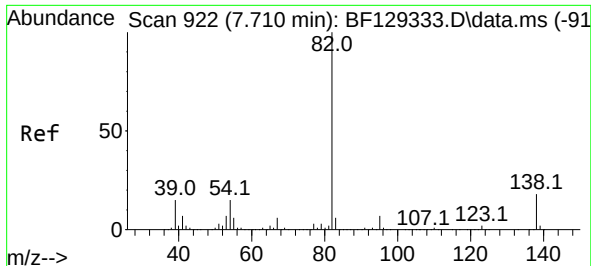


#23
Nitrobenzene-d5
Concen: 76.591 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion: 82 Resp: 882639

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	51.8	46.9	70.3

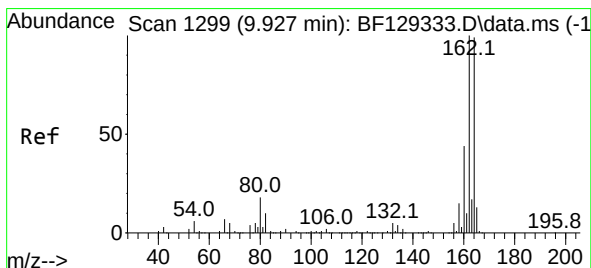
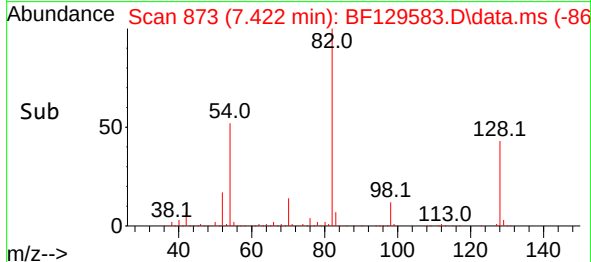
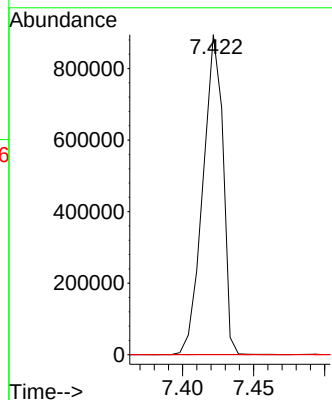
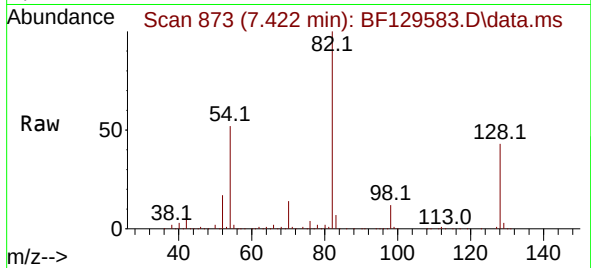




#25
Isophorone
Concen: 42.517 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

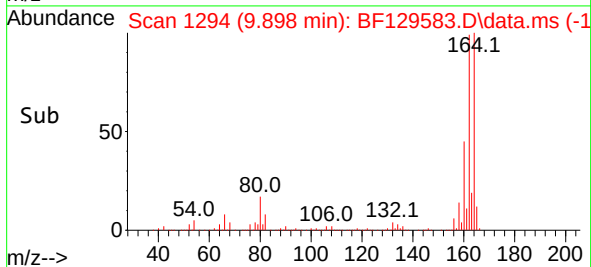
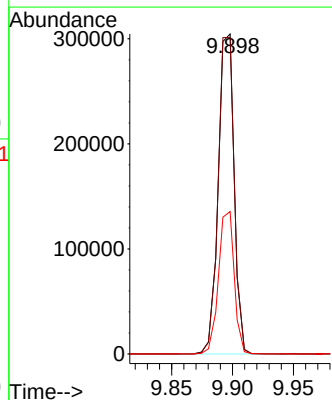
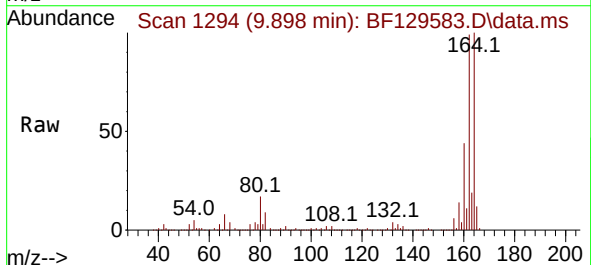
Instrument :
BNA_F
ClientSampleId :
RVE-114

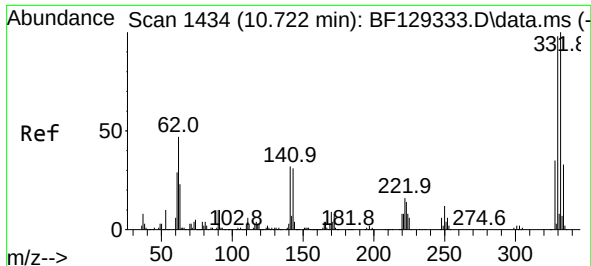
Tgt Ion: 82 Resp: 878268
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:164 Resp: 276517
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 44.5 34.2 51.4

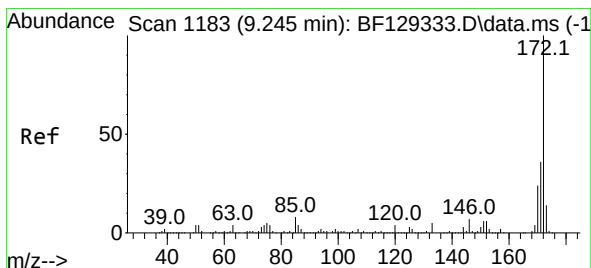
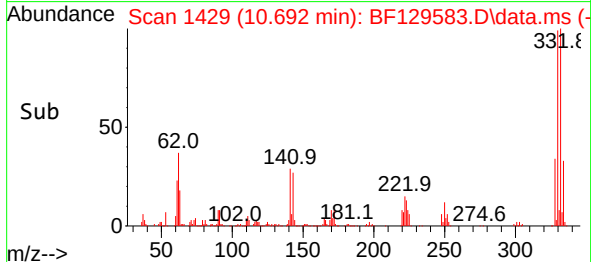
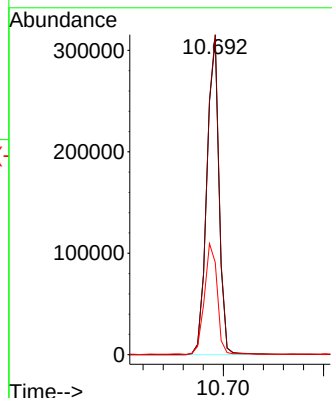
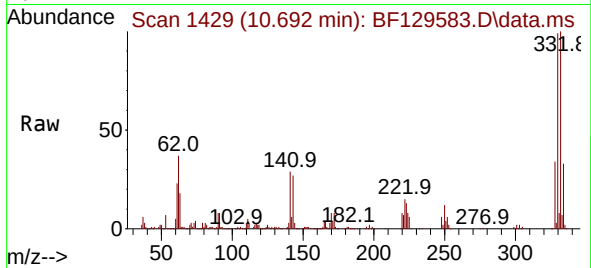




#42
2,4,6-Tribromophenol
Concen: 99.873 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

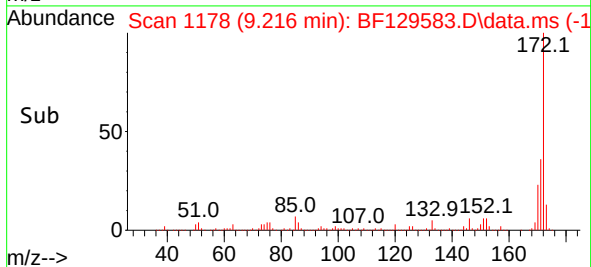
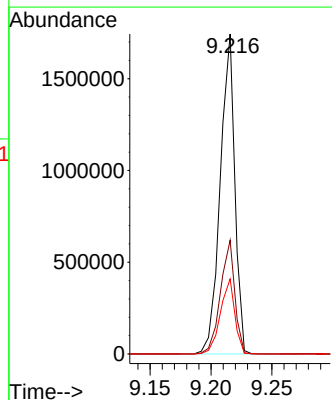
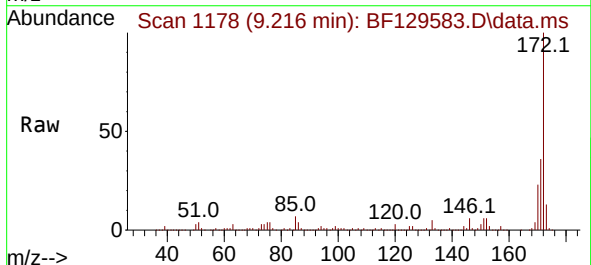
Instrument :
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ClientSampleId :
RVE-114

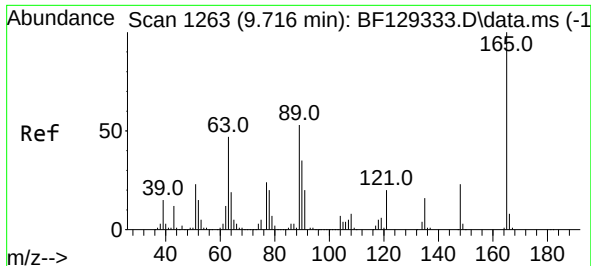
Tgt Ion:330 Resp: 265514
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 36.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.265 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:172 Resp: 1452606
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.569 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF129583.D

Acq: 04 Aug 2022 22:39

Instrument :

BNA_F

ClientSampleId :

RVE-114

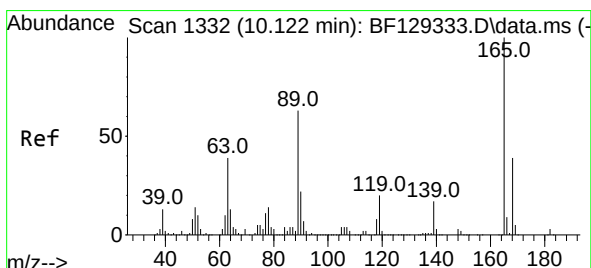
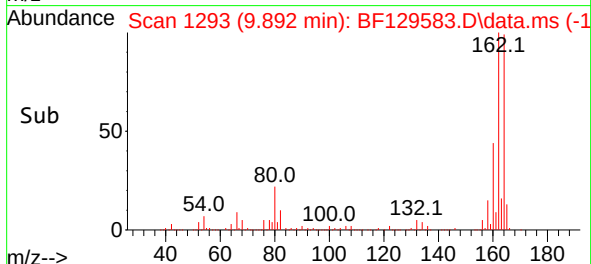
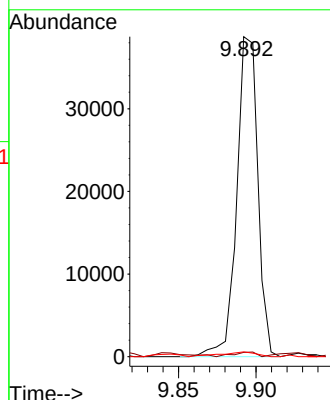
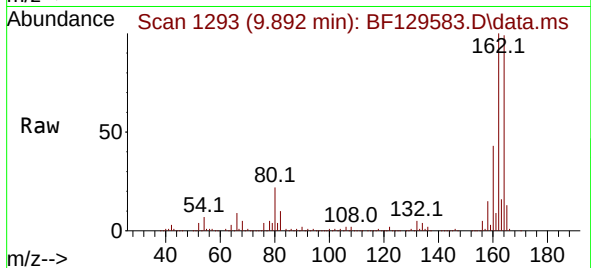
Tgt Ion:165 Resp: 36609

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.559 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.206 min

Lab File: BF129583.D

Acq: 04 Aug 2022 22:39

Tgt Ion:165 Resp: 36609

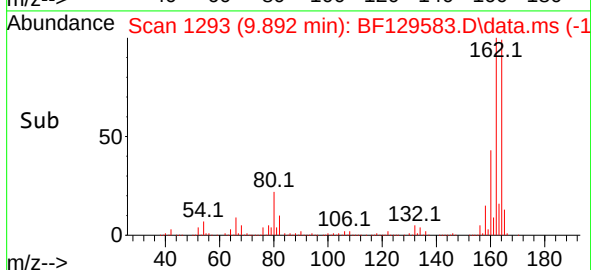
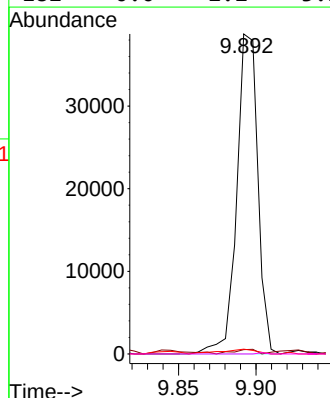
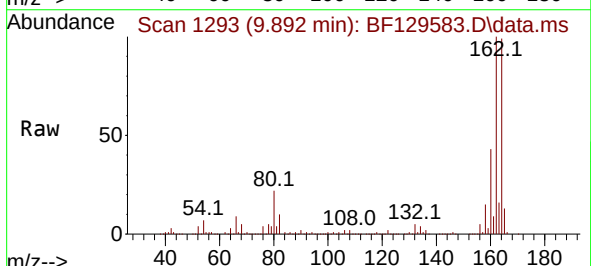
Ion Ratio Lower Upper

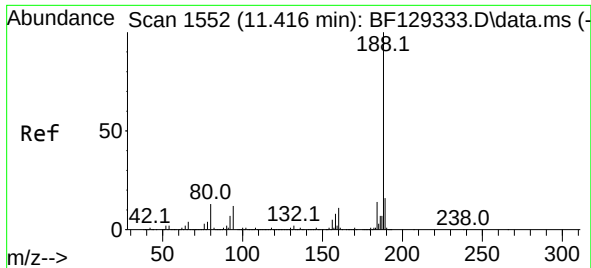
165 100

63 1.4 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

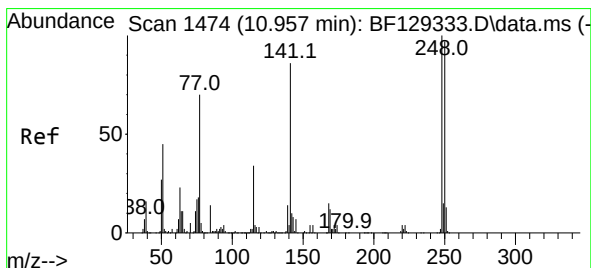
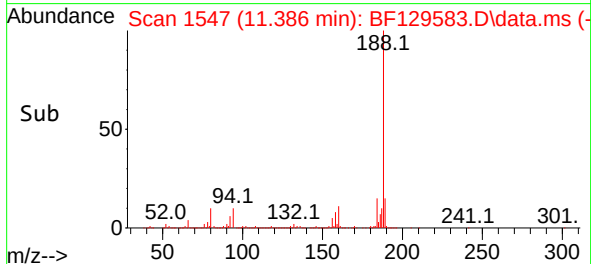
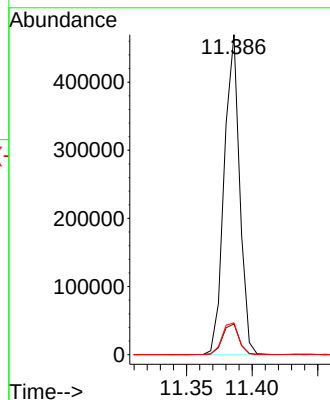
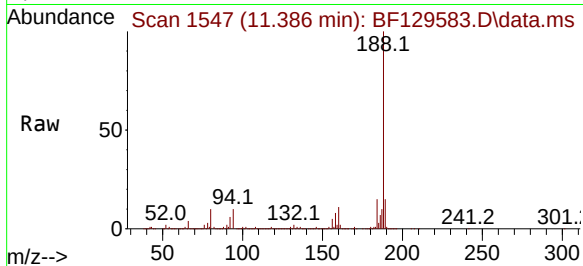




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

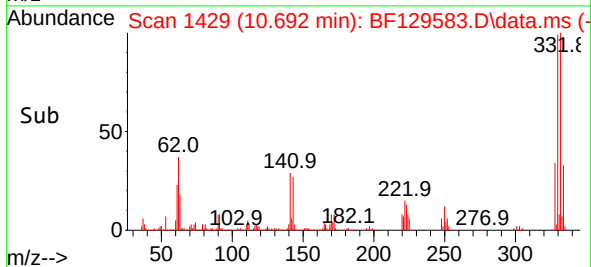
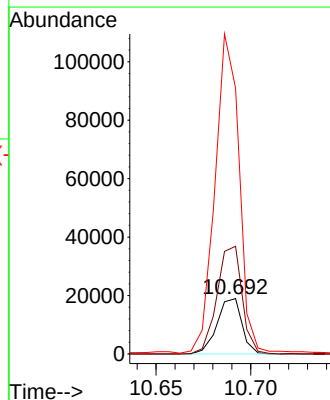
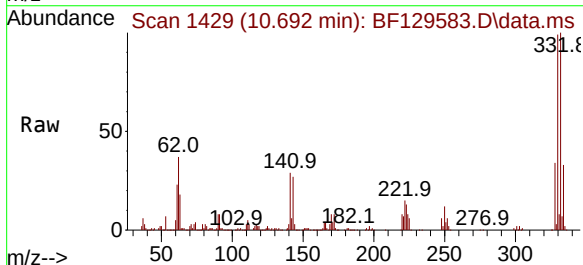
Instrument :
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ClientSampleId :
RVE-114

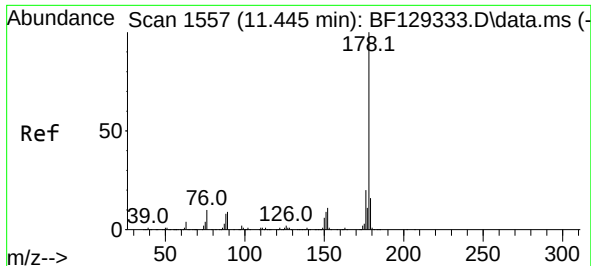
Tgt Ion:188 Resp: 383273
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:248 Resp: 17349
Ion Ratio Lower Upper
248 100
250 194.3 80.6 120.8#
141 480.1 58.9 88.3#

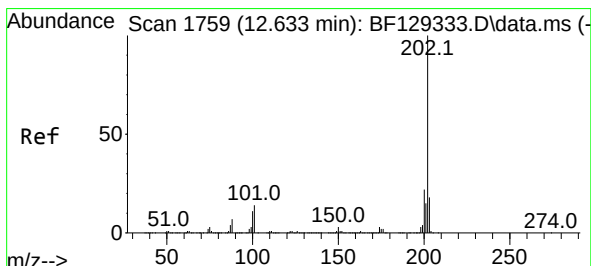
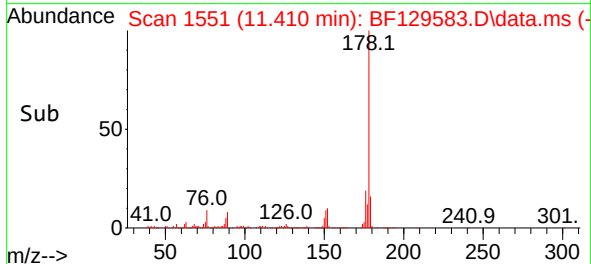
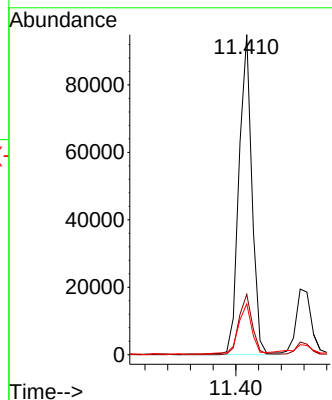
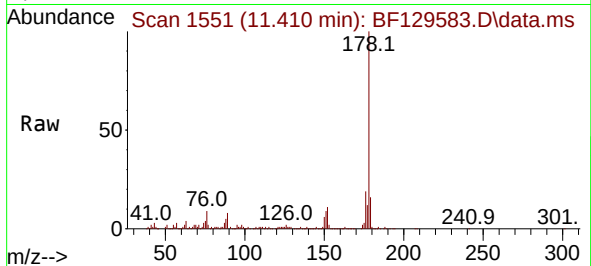




#71
Phenanthrene
Concen: 3.596 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

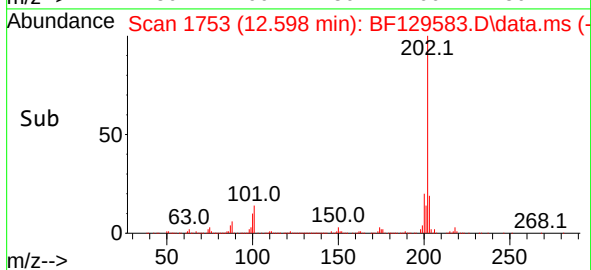
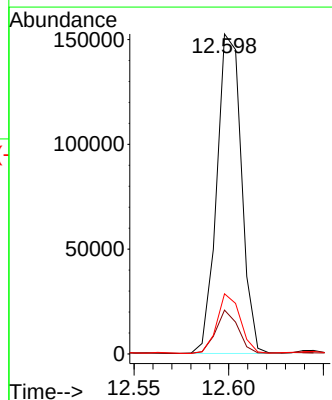
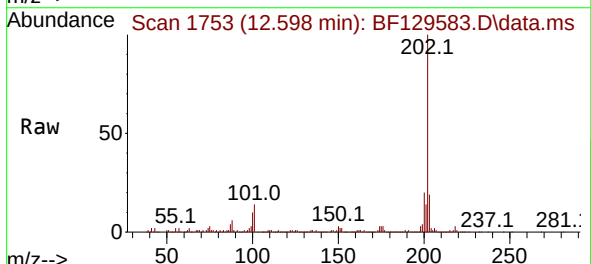
Instrument :
BNA_F
ClientSampleId :
RVE-114

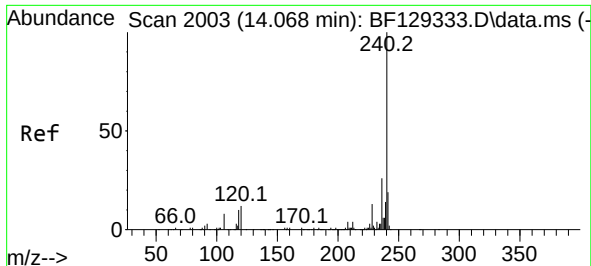
Tgt Ion:178 Resp: 75238
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.9 12.6 19.0



#75
Fluoranthene
Concen: 6.520 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:202 Resp: 138210
Ion Ratio Lower Upper
202 100
101 13.7 0.0 31.4
203 18.8 0.0 38.0

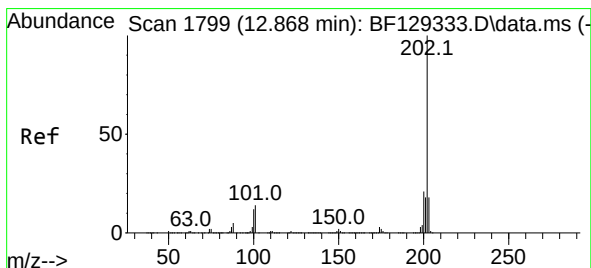
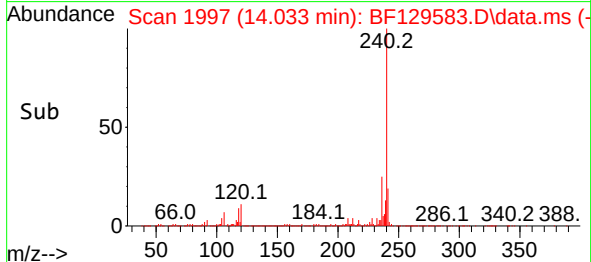
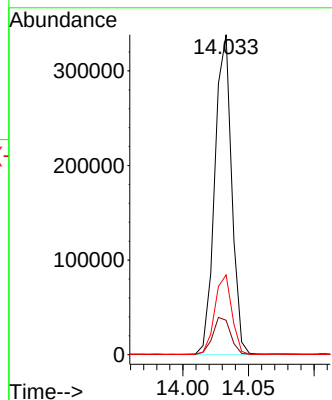
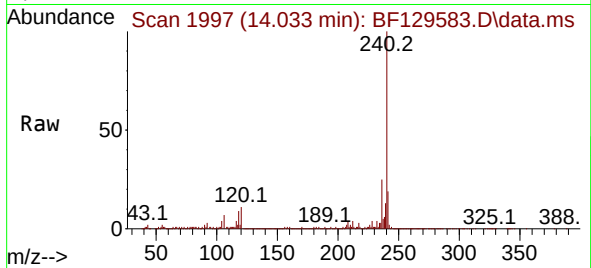




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

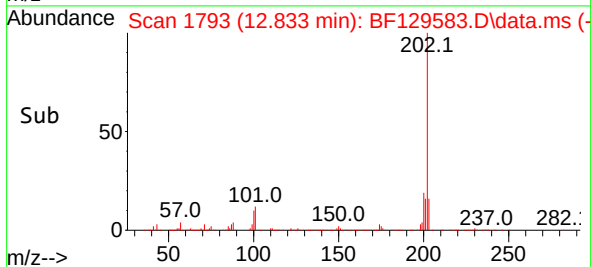
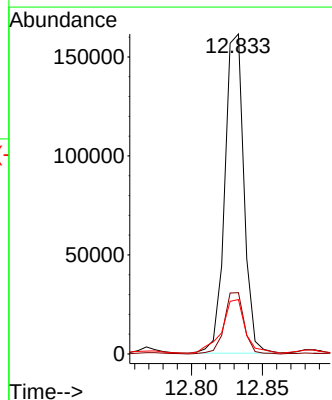
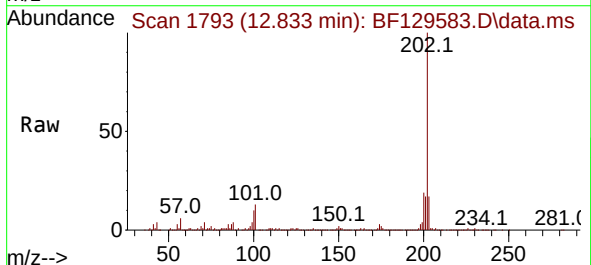
Instrument :
BNA_F
ClientSampleId :
RVE-114

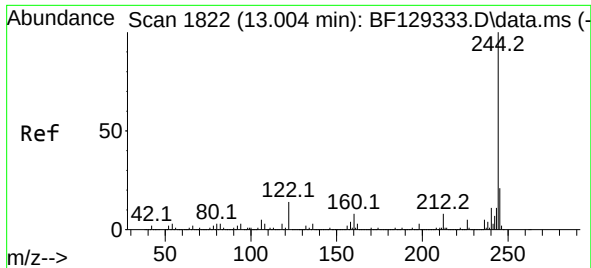
Tgt Ion:240 Resp: 302127
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 24.9 20.8 31.2



#78
Pyrene
Concen: 5.970 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:202 Resp: 150841
Ion Ratio Lower Upper
202 100
200 19.1 17.7 26.5
203 17.0 14.6 21.8

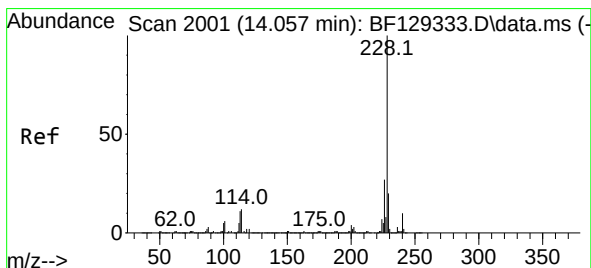
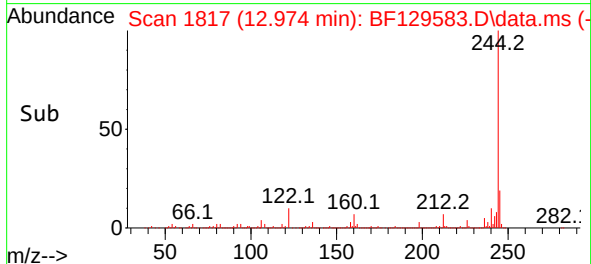
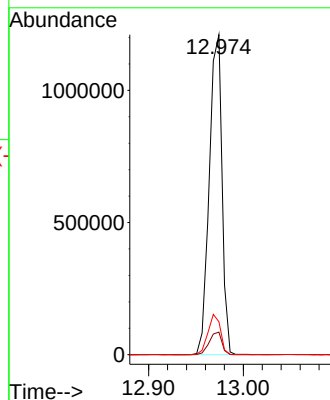
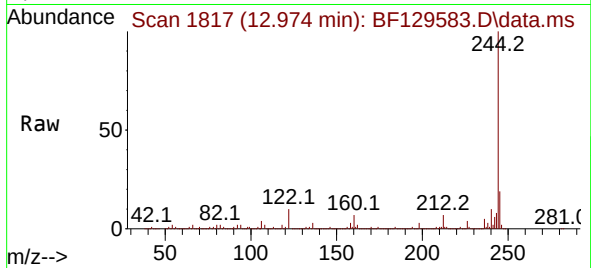




#79
 Terphenyl-d14
 Concen: 70.329 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF129583.D
 Acq: 04 Aug 2022 22:39

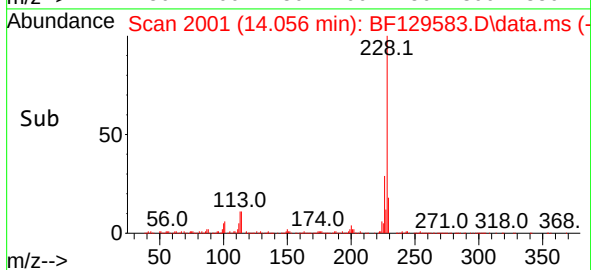
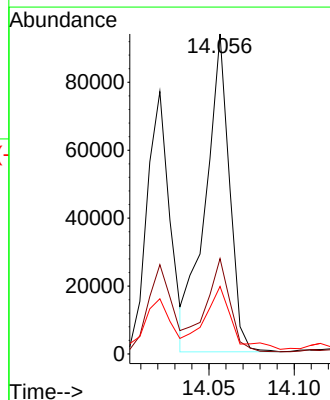
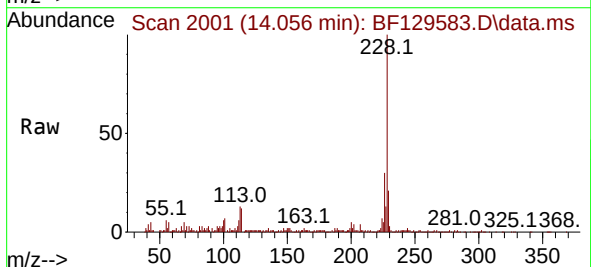
Instrument :
 BNA_F
 ClientSampleId :
 RVE-114

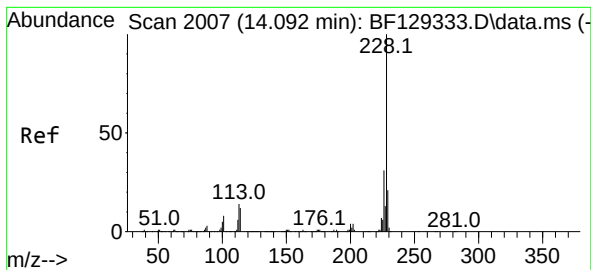
Tgt Ion:244 Resp: 1126282
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 10.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 4.429 ng
 RT: 14.056 min Scan# 2001
 Delta R.T. 0.029 min
 Lab File: BF129583.D
 Acq: 04 Aug 2022 22:39

Tgt Ion:228 Resp: 91401
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.1 33.1
 229 21.1 15.8 23.8





#83

Chrysene

Concen: 4.699 ng

RT: 14.056 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF129583.D

Acq: 04 Aug 2022 22:39

Instrument :

BNA_F

ClientSampleId :

RVE-114

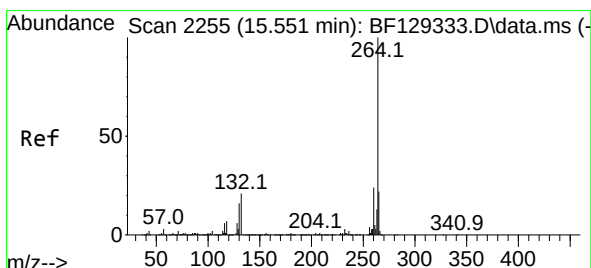
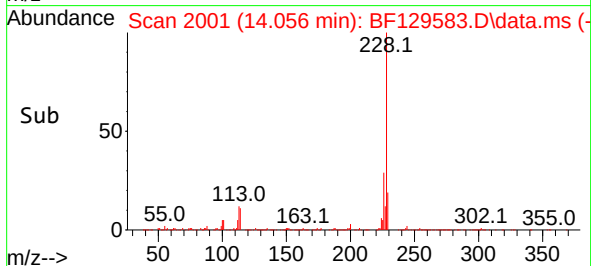
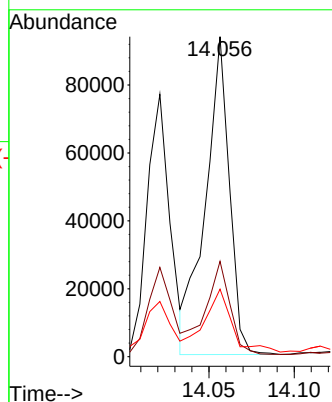
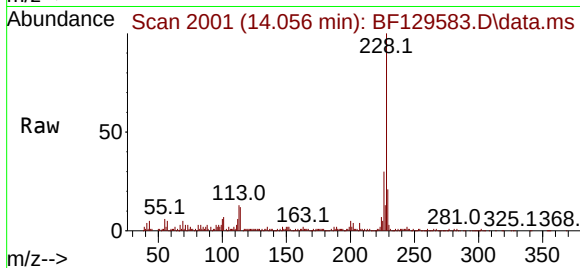
Tgt Ion:228 Resp: 91401

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 21.1 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BF129583.D

Acq: 04 Aug 2022 22:39

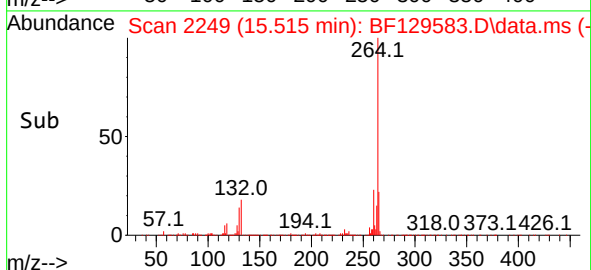
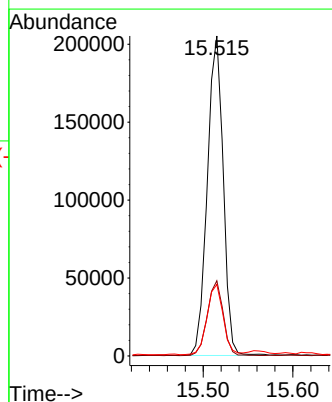
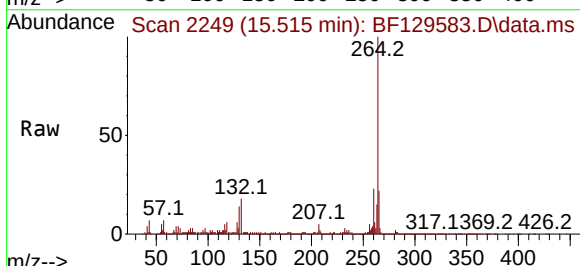
Tgt Ion:264 Resp: 251883

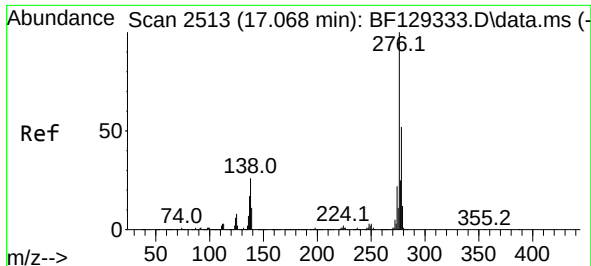
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.4 17.2 25.8

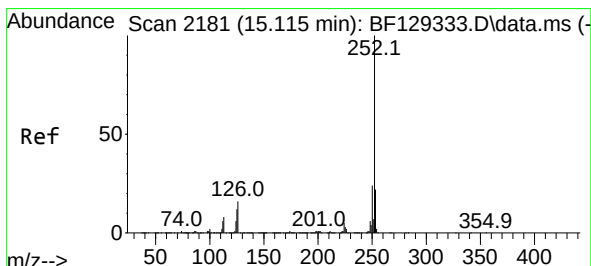
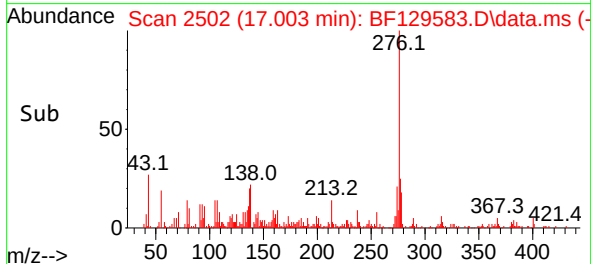
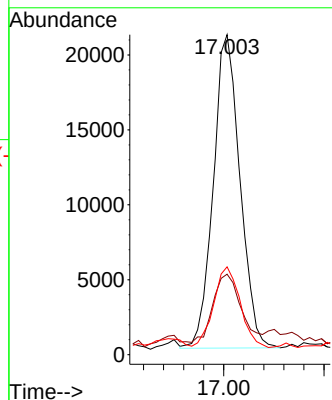
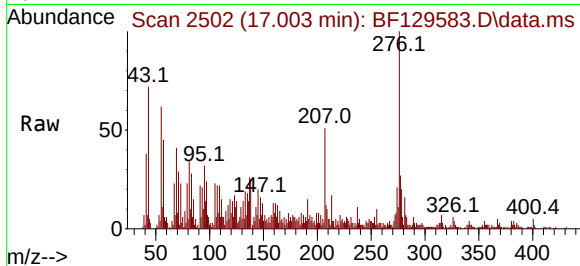




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.278 ng
RT: 17.003 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

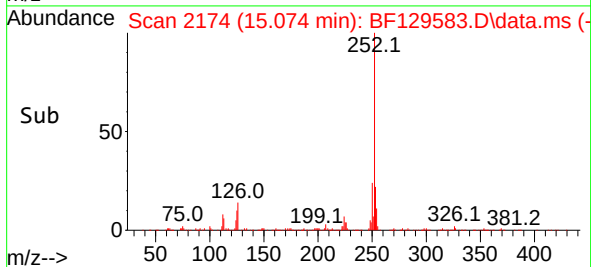
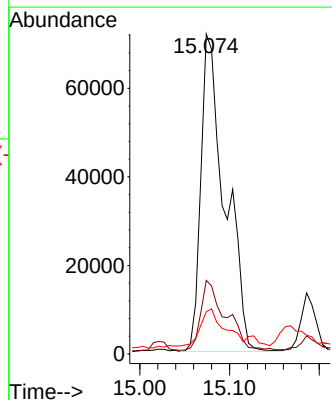
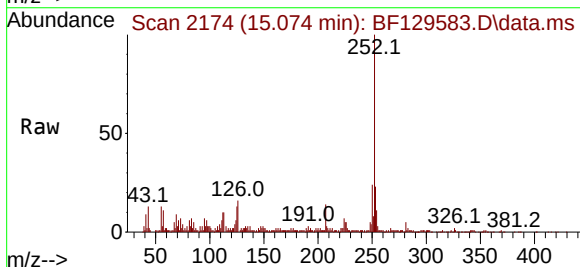
Instrument :
BNA_F
ClientSampleId :
RVE-114

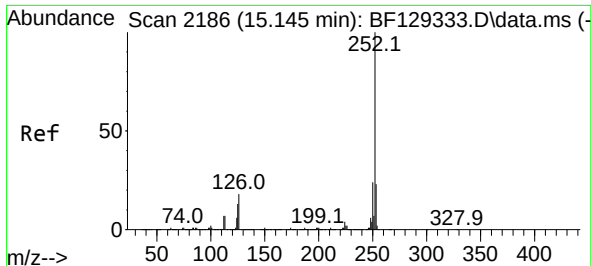
Tgt Ion:276 Resp: 38634
Ion Ratio Lower Upper
276 100
138 22.5 21.1 31.7
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 8.001 ng
RT: 15.074 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BF129583.D
Acq: 04 Aug 2022 22:39

Tgt Ion:252 Resp: 133681
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 13.2 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 8.164 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129583.D

Acq: 04 Aug 2022 22:39

Instrument :

BNA_F

ClientSampleId :

RVE-114

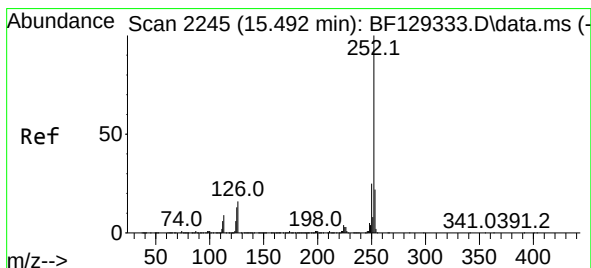
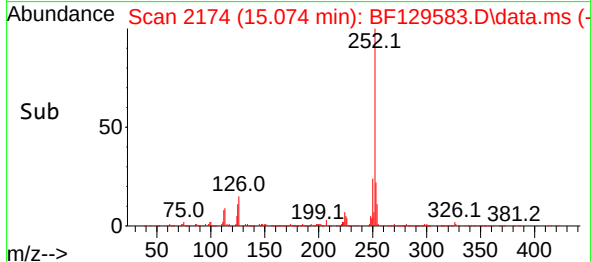
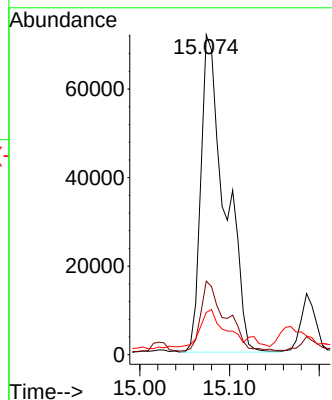
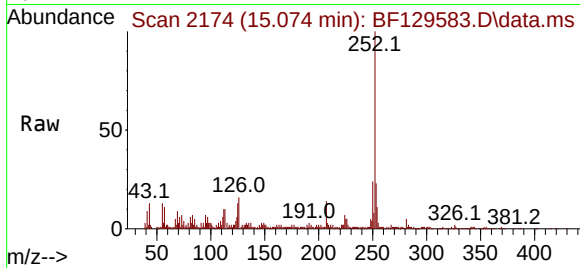
Tgt Ion:252 Resp: 133681

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 13.2 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 4.425 ng

RT: 15.451 min Scan# 2238

Delta R.T. -0.006 min

Lab File: BF129583.D

Acq: 04 Aug 2022 22:39

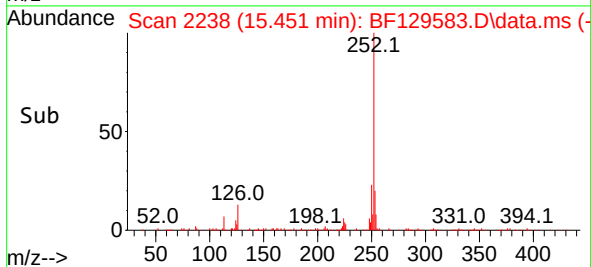
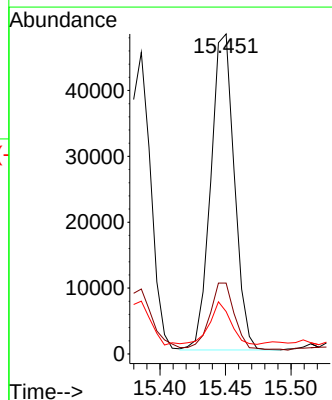
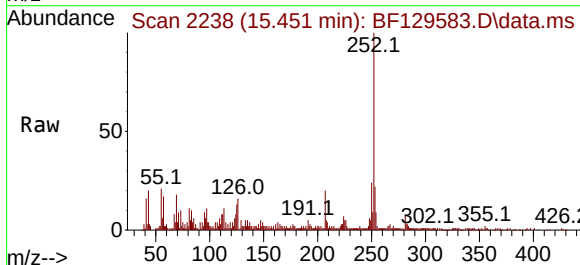
Tgt Ion:252 Resp: 60012

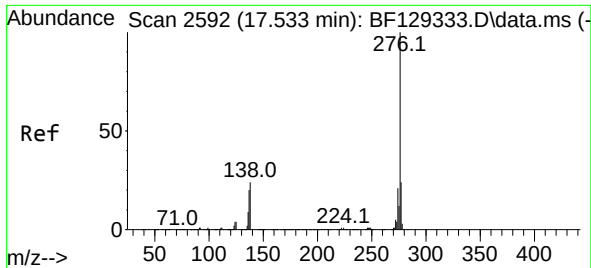
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

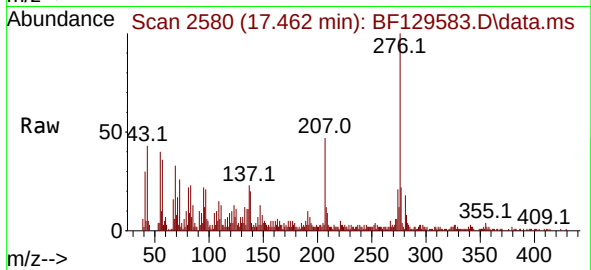
125 13.2 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.962 ng
 RT: 17.462 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF129583.D
 Acq: 04 Aug 2022 22:39

Instrument :
 BNA_F
 ClientSampleId :
 RVE-114



Tgt Ion:276 Resp: 41787
 Ion Ratio Lower Upper
 276 100
 277 21.7 19.1 28.7
 138 20.0 18.0 27.0

