

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129615.D
 Acq On : 05 Aug 2022 23:32
 Operator : CG\JU
 Sample : N3960-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-160

Quant Time: Aug 08 02:04:21 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 16:27:34 2022
 Response via : Initial Calibration

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

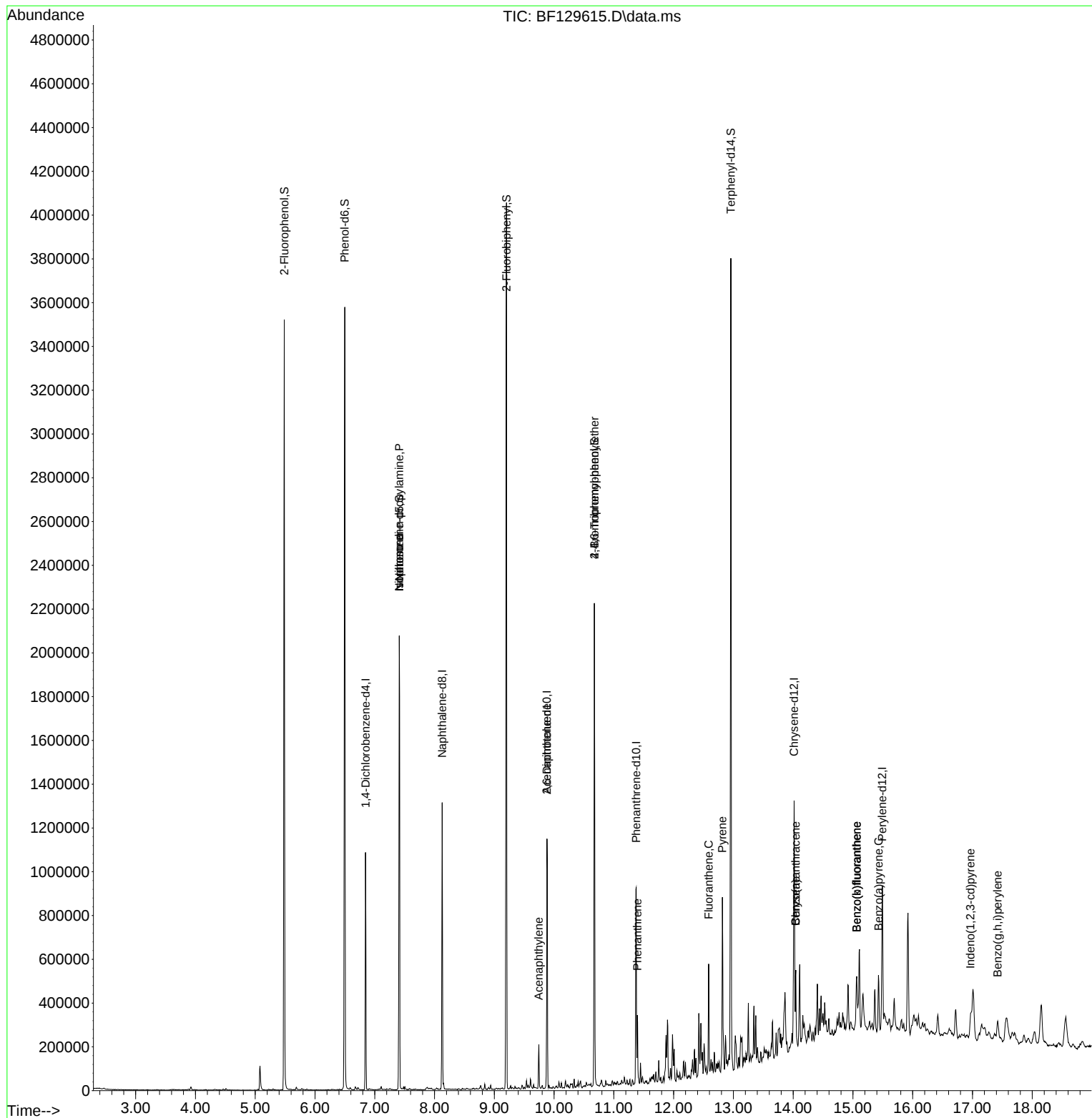
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	145712	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	522690	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	225195	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	341149	20.000	ng	0.00
76) Chrysene-d12	14.015	240	309458	20.000	ng	-0.01
86) Perylene-d12	15.492	264	250538	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	885832	99.032	ng	0.00
7) Phenol-d6	6.498	99	1151451	102.413	ng	0.00
23) Nitrobenzene-d5	7.410	82	682638	71.293	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	232765	107.509	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1200443	82.463	ng	0.00
79) Terphenyl-d14	12.957	244	1180087	71.943	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	91123	13.388	ng	# 75
25) Isophorone	7.410	82	680892	39.671	ng	# 65
49) Acenaphthylene	9.745	152	77658	3.847	ng	98
51) 2,6-Dinitrotoluene	9.880	165	29294	8.419	ng	# 26
67) 4-Bromophenyl-phenylether	10.675	248	14801	3.962	ng	# 1
71) Phenanthrene	11.392	178	111835	6.005	ng	98
75) Fluoranthene	12.586	202	163826	8.682	ng	98
78) Pyrene	12.816	202	295924	11.435	ng	98
81) Benzo(a)anthracene	14.045	228	149055	7.051	ng	93
83) Chrysene	14.045	228	149055	7.482	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	51934	3.078	ng	98
88) Benzo(b)fluoranthene	15.062	252	160989	9.687	ng	# 96
89) Benzo(k)fluoranthene	15.062	252	160989	9.885	ng	96
90) Benzo(a)pyrene	15.427	252	99985	7.411	ng	# 95
92) Benzo(g,h,i)perylene	17.421	276	68700	4.896	ng	95

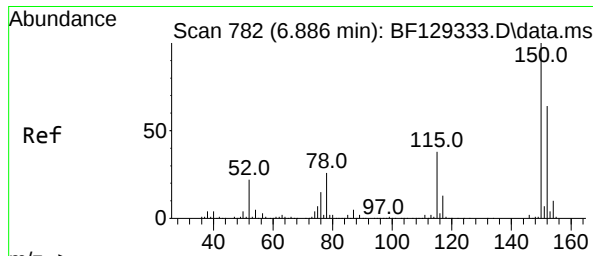
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 05 16:27:34 2022
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BF129615.D
 Acq: 05 Aug 2022 23:32

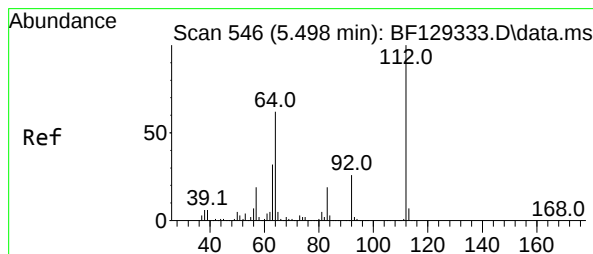
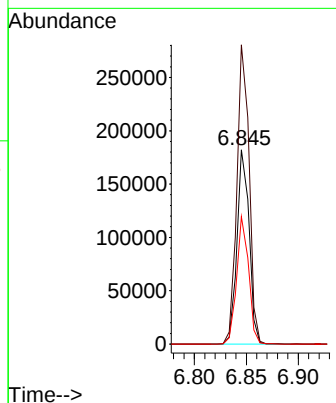
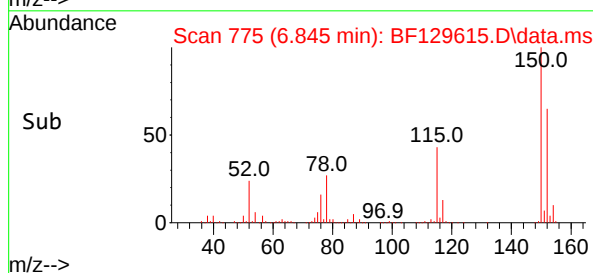
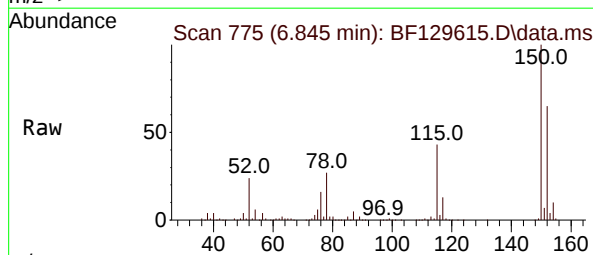
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	65.5	49.9	74.9

Instrument :

BNA_F

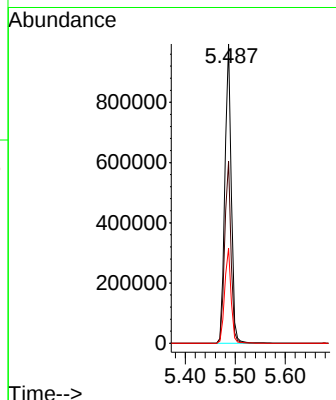
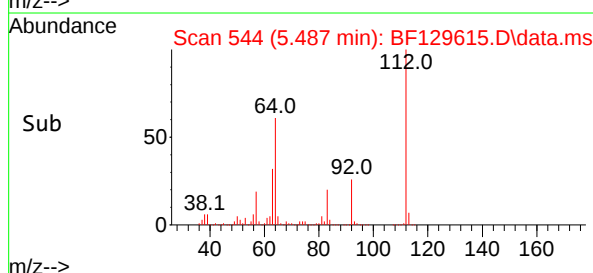
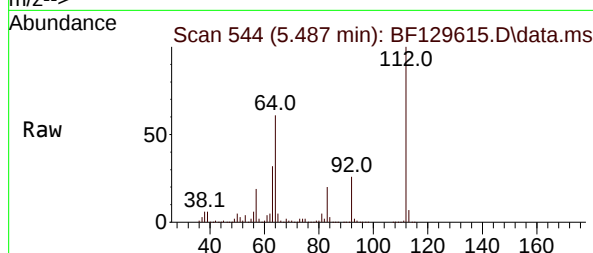
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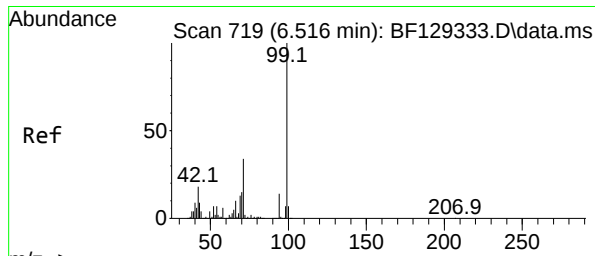
RVE-160



#5
 2-Fluorophenol
 Concen: 99.032 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129615.D
 Acq: 05 Aug 2022 23:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	53.3	79.9
63	31.8	28.0	42.0

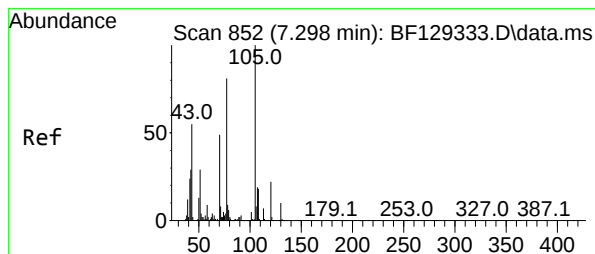
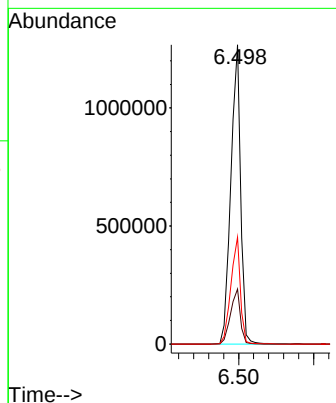
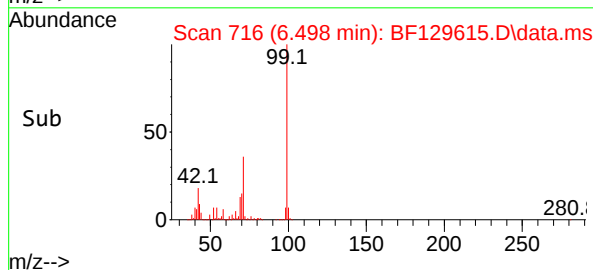
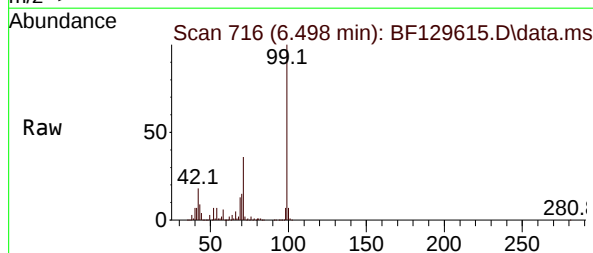




#7
Phenol-d6
Concen: 102.413 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

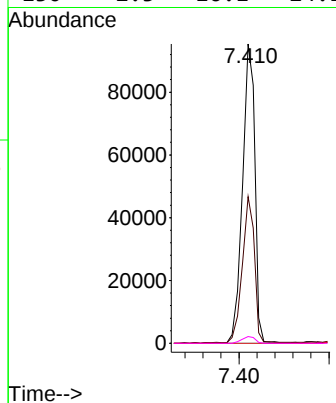
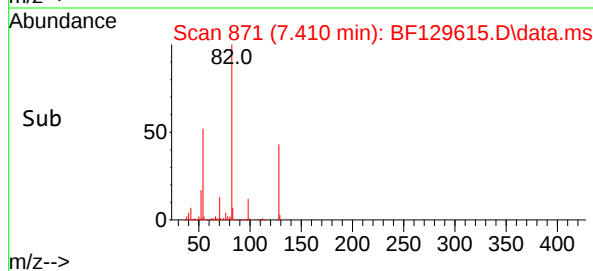
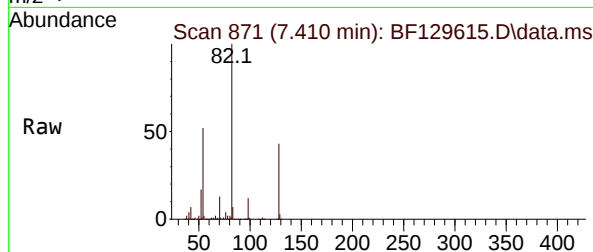
Tgt Ion: 99 Resp: 115145
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.7 28.9 43.3

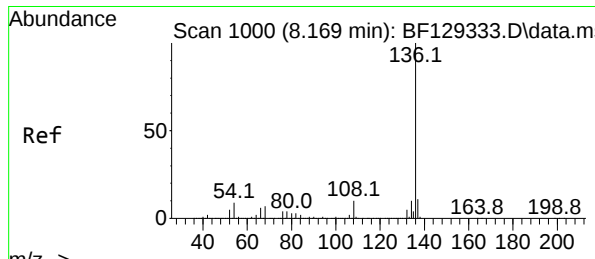
Instrument :
BNA_F
Client Sampled :
RVE-160



#19
n-Nitroso-di-n-propylamine
Concen: 13.388 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion: 70 Resp: 91123
Ion Ratio Lower Upper
70 100
42 49.0 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: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

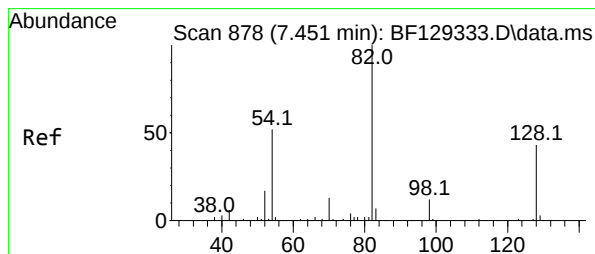
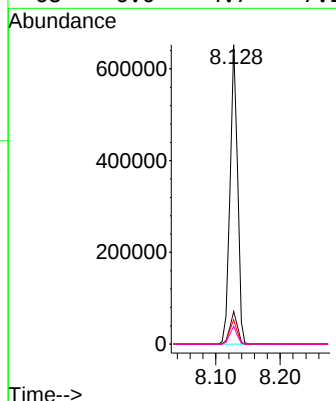
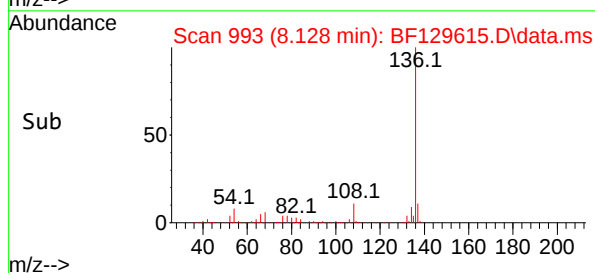
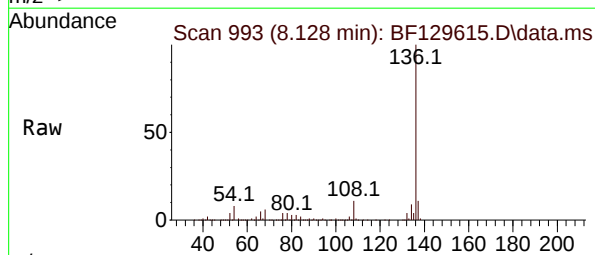
Tgt Ion:	136	Resp:	52269
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	8.1	7.5	11.3
68	6.0	4.7	7.1

Instrument :

BNA_F

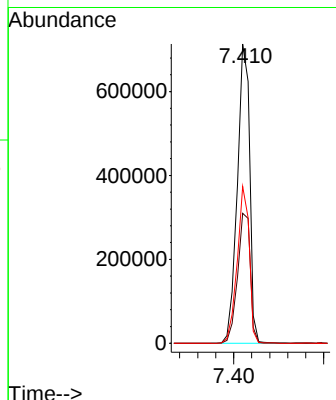
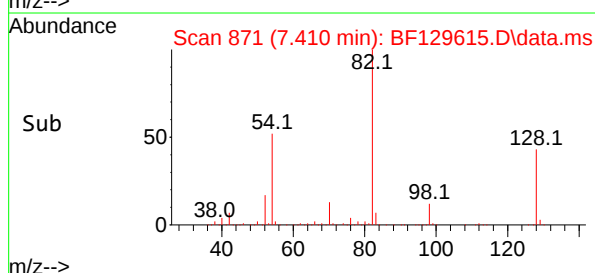
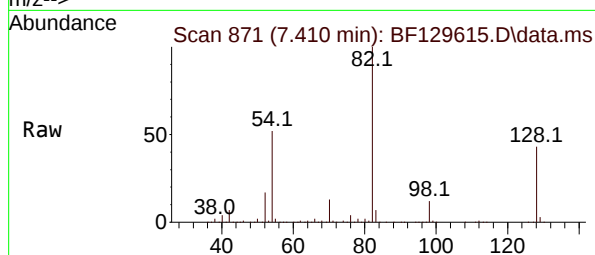
ClientSampleId :

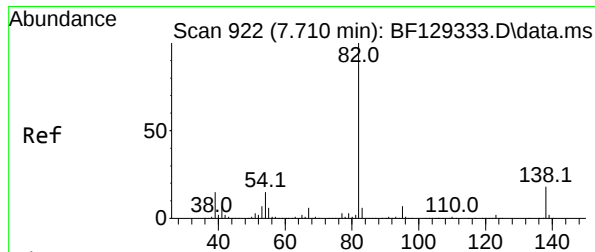
RVE-160



#23
Nitrobenzene-d5
Concen: 71.293 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion:	82	Resp:	682638
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.0	51.0
54	52.4	46.9	70.3





#25
Isophorone
Concen: 39.671 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.271 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

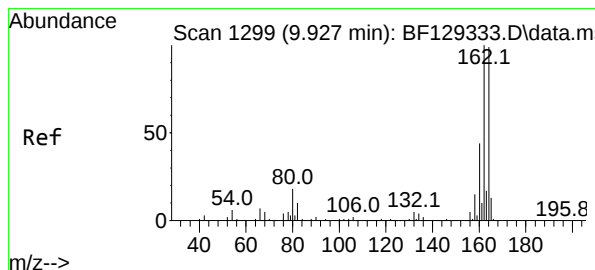
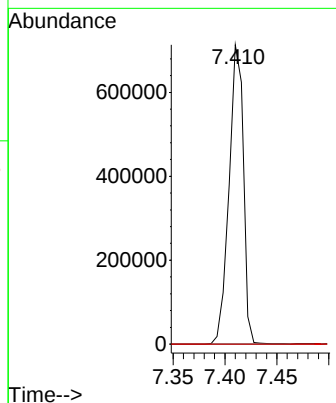
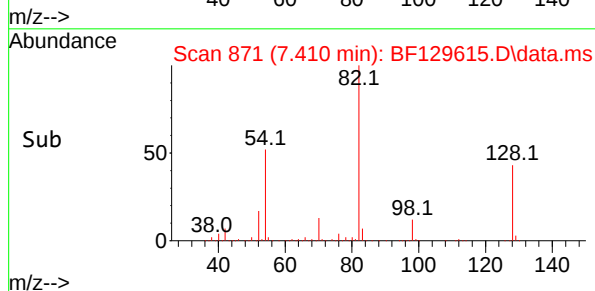
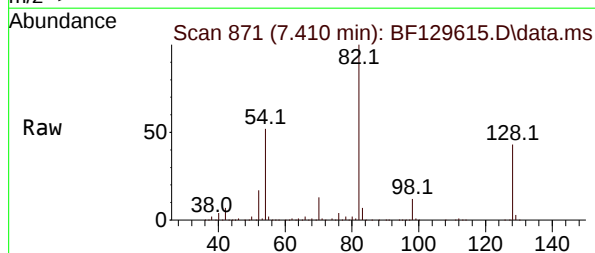
Tgt Ion:	82	Resp:	68085
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5
138	0.0	14.2	21.2

Instrument :

BNA_F

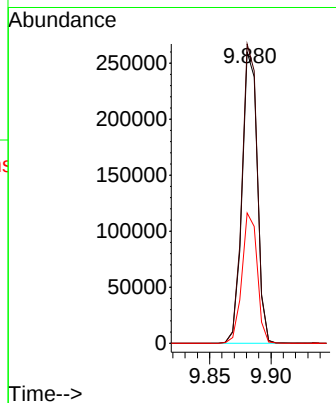
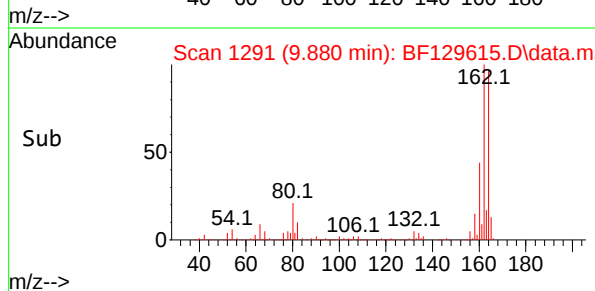
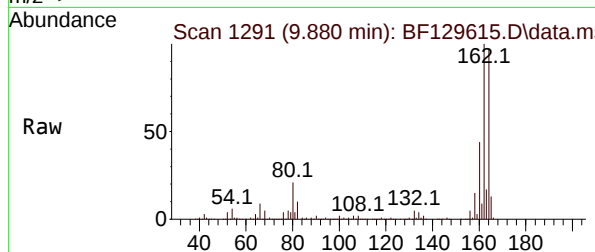
ClientSampleId :

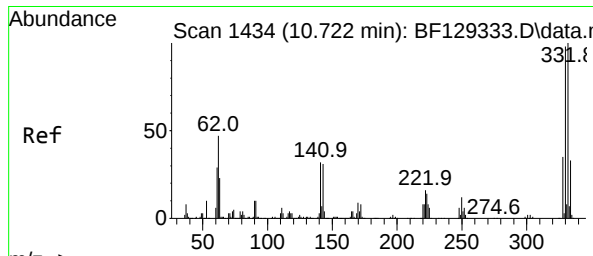
RVE-160



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion:	164	Resp:	225195
Ion Ratio	Lower	Upper	
164	100		
162	102.7	79.5	119.3
160	44.7	34.2	51.4





#42
 2,4,6-Tribromophenol
 Concen: 107.509 ng
 RT: 10.675 min Scan# 1426
 Delta R.T. -0.012 min
 Lab File: BF129615.D
 Acq: 05 Aug 2022 23:32

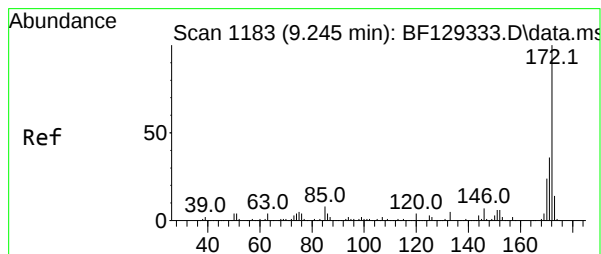
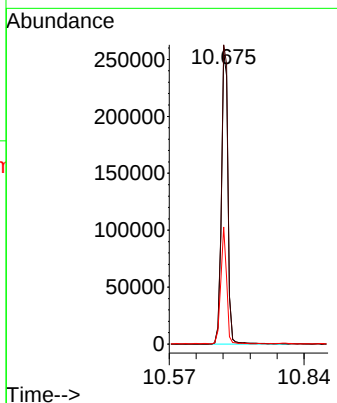
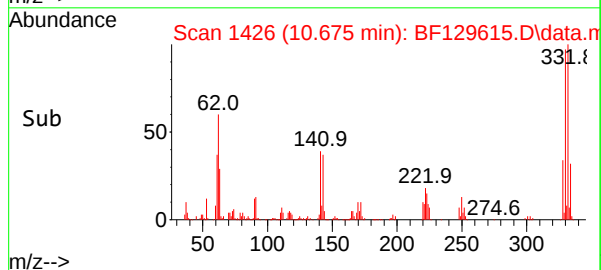
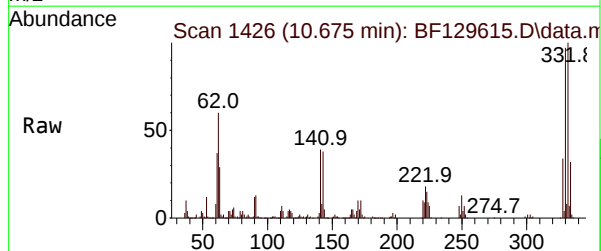
Tgt Ion:	330	Resp:	23276
Ion Ratio	Lower	Upper	
330	100		
332	103.0	76.8	115.2
141	36.1	28.0	42.0

Instrument :

BNA_F

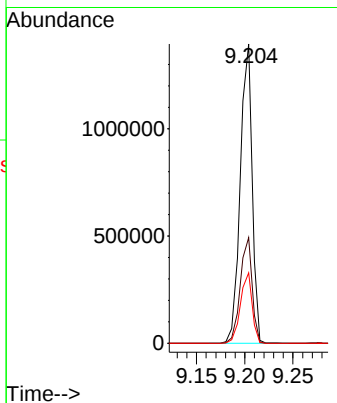
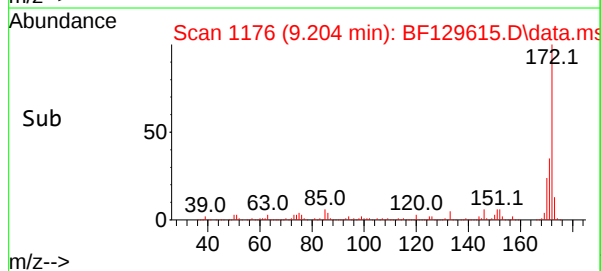
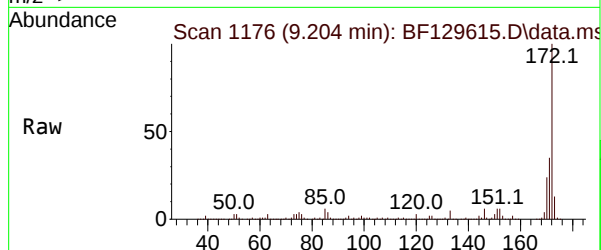
ClientSampleId :

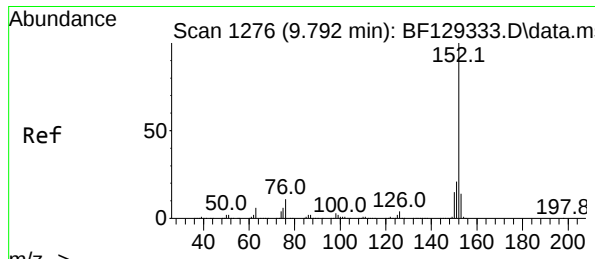
RVE-160



#45
 2-Fluorobiphenyl
 Concen: 82.463 ng
 RT: 9.204 min Scan# 1176
 Delta R.T. -0.006 min
 Lab File: BF129615.D
 Acq: 05 Aug 2022 23:32

Tgt Ion:	172	Resp:	1200443
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.8	43.2
170	23.5	19.8	29.8





#49

Acenaphthylene

Concen: 3.847 ng

RT: 9.745 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

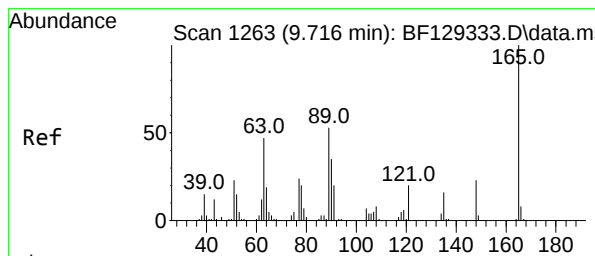
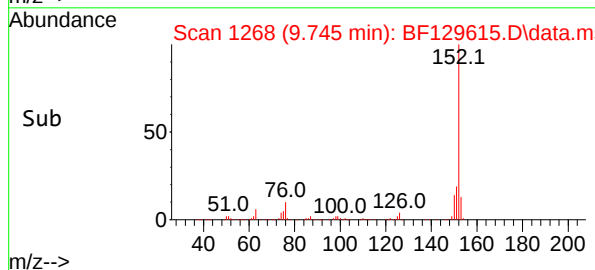
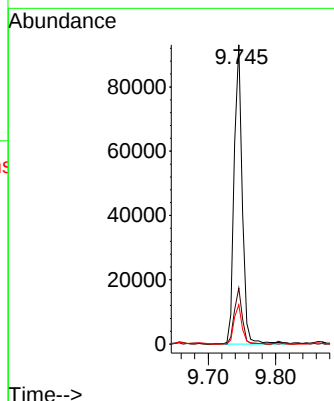
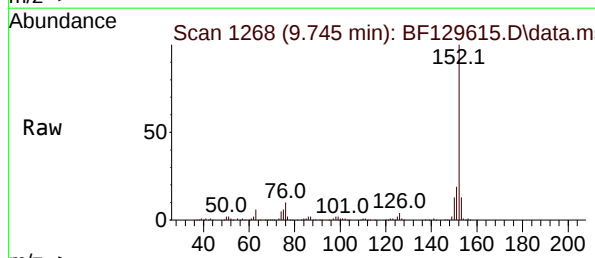
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4
153	13.2	10.7	16.1

Instrument :

BNA_F

Client Sampled :

RVE-160



#51

2,6-Dinitrotoluene

Concen: 8.419 ng

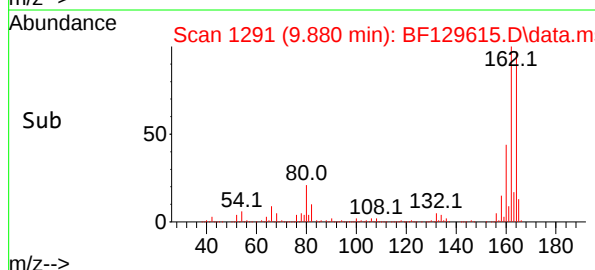
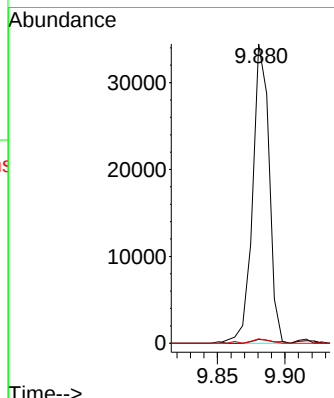
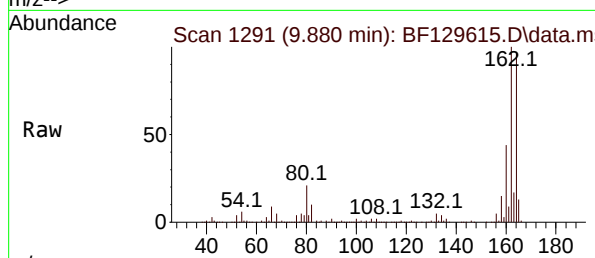
RT: 9.880 min Scan# 1291

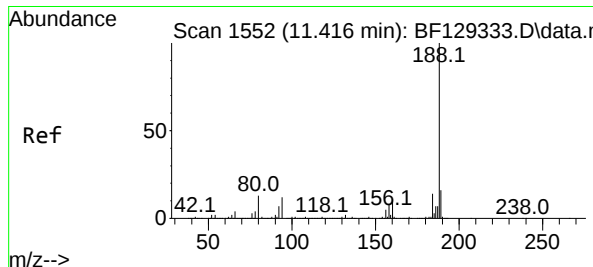
Delta R.T. 0.200 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.9	67.3#
89	1.5	43.6	65.4#

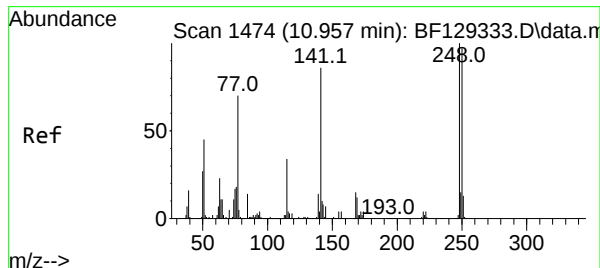
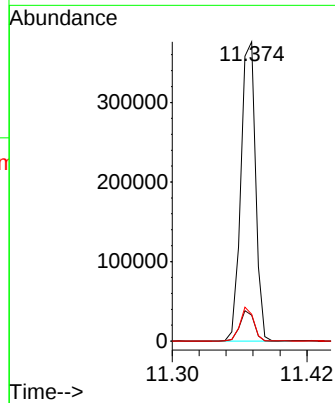
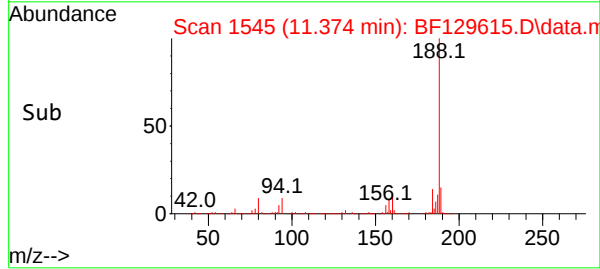
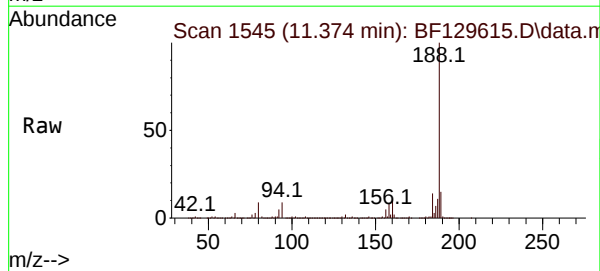




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

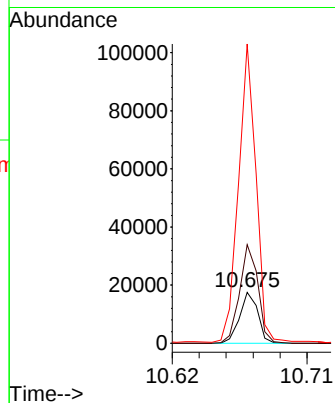
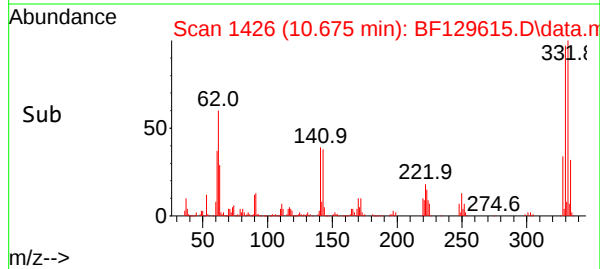
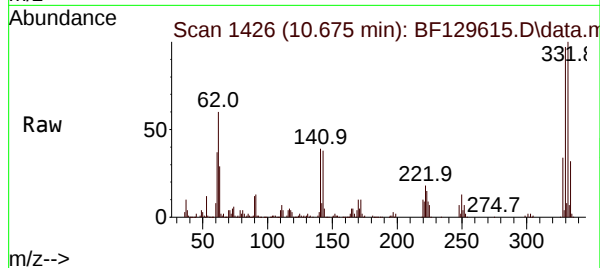
Tgt Ion:	188	Resp:	3411
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.0	10.6
80	9.0	7.6	11.4

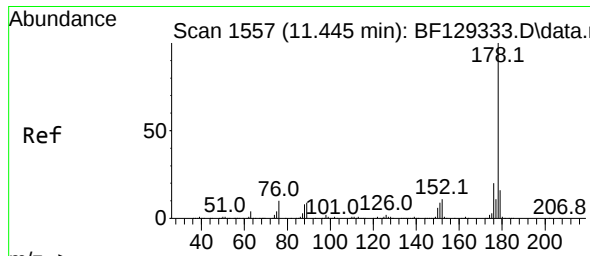
Instrument :
BNA_F
ClientSampleId :
RVE-160



#67
4-Bromophenyl-phenylether
Concen: 3.962 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion:	248	Resp:	14801
Ion Ratio	Lower	Upper	
248	100		
250	193.3	80.6	120.8
141	587.3	58.9	88.3

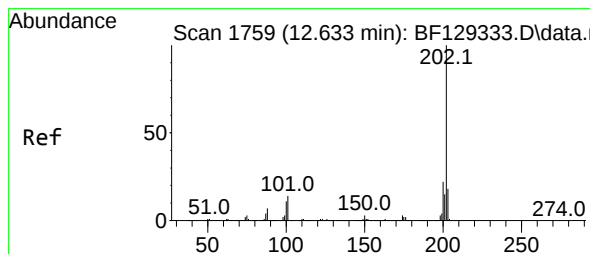
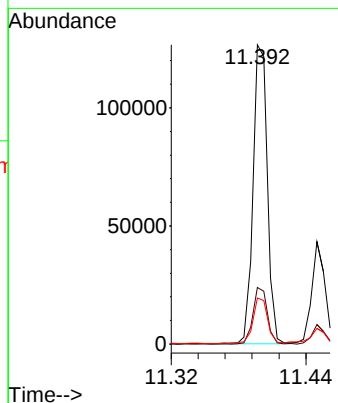
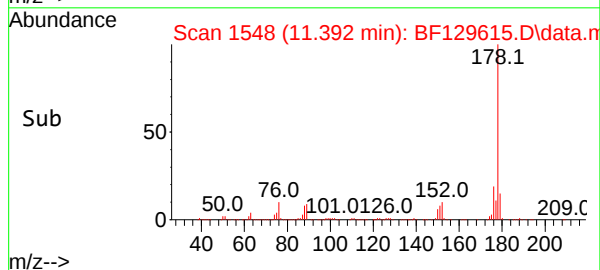
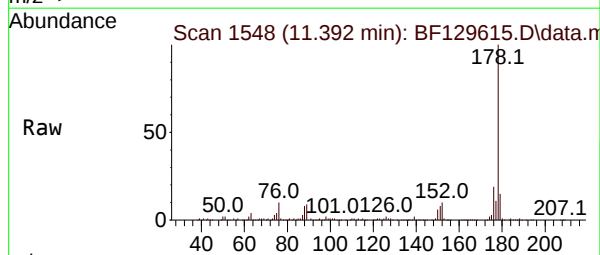




#71
Phenanthrene
Concen: 6.005 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

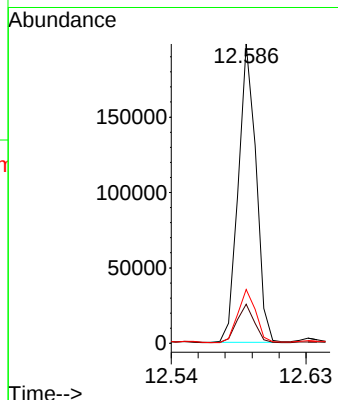
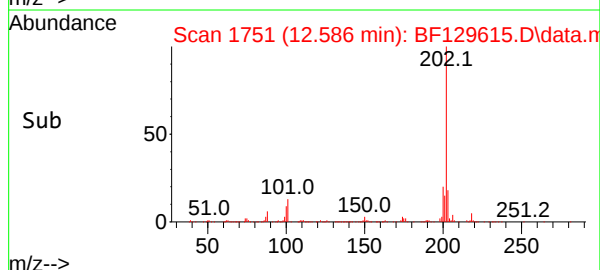
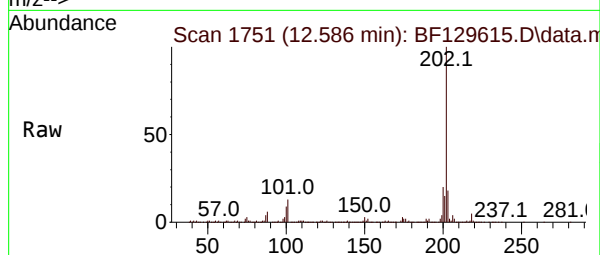
Tgt Ion:	178	Resp:	1118
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.0	24.0
179	15.4	12.6	19.0

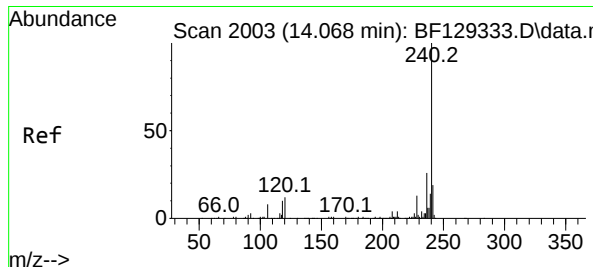
Instrument :
BNA_F
Client Sampled :
RVE-160



#75
Fluoranthene
Concen: 8.682 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion:	202	Resp:	163826
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	31.4
203	17.9	0.0	38.0

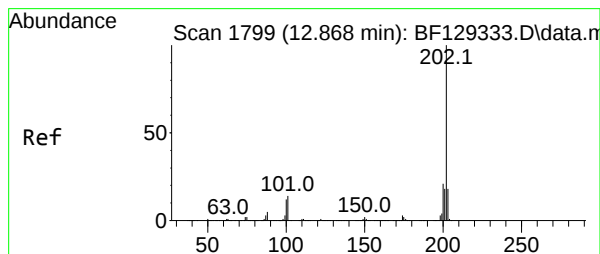
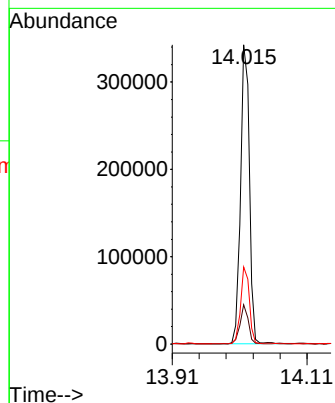
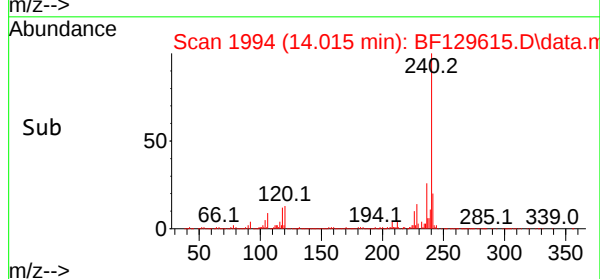
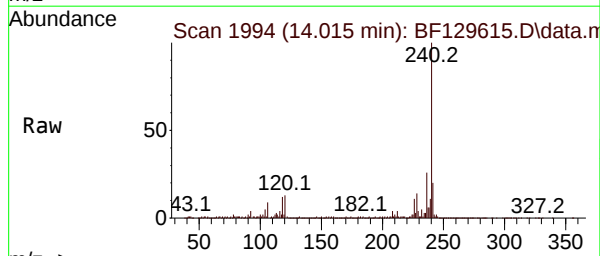




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

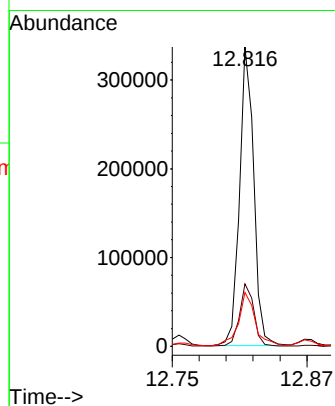
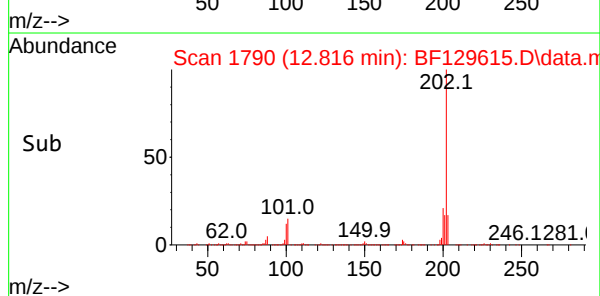
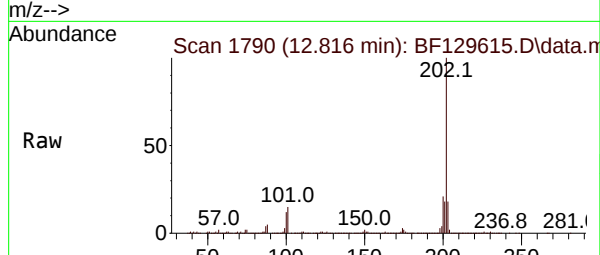
Tgt Ion:	240	Resp:	30945
Ion Ratio	Lower	Upper	
240	100		
120	13.1	8.9	13.3
236	25.7	20.8	31.2

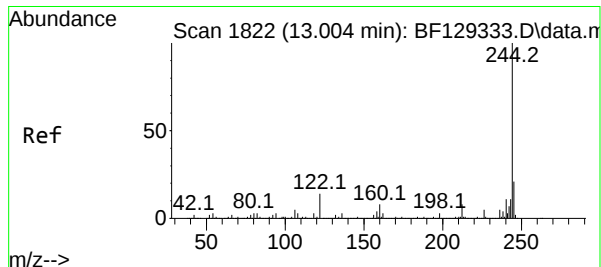
Instrument :
BNA_F
ClientSampled :
RVE-160



#78
Pyrene
Concen: 11.435 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion:	202	Resp:	295924
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.7	26.5
203	17.9	14.6	21.8





#79

Terphenyl-d14

Concen: 71.943 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

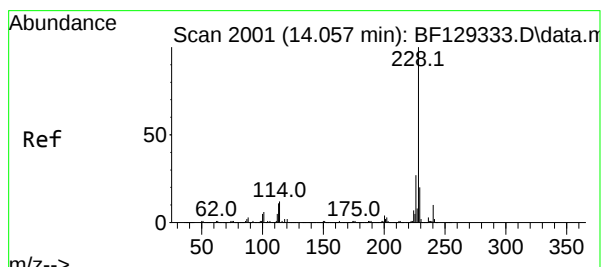
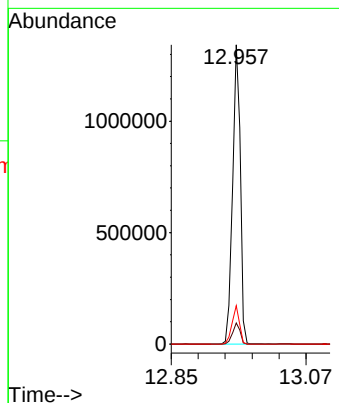
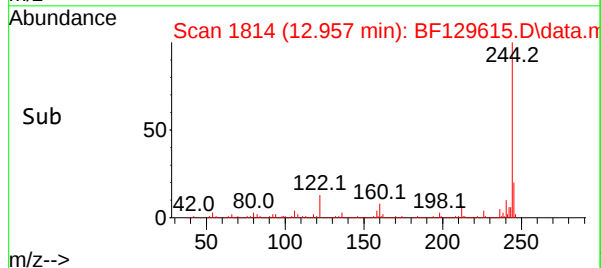
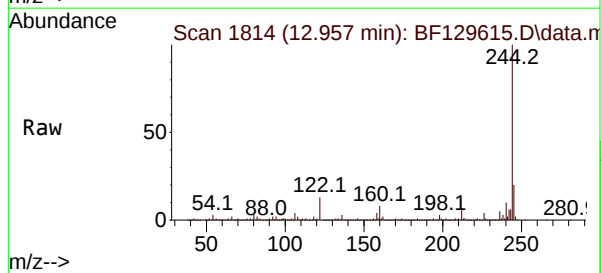
Tgt Ion:244	Resp: 118008
Ion Ratio	Lower Upper
244	100
212	7.0 6.1 9.1
122	12.9 8.8 13.2

Instrument :

BNA_F

ClientSampleId :

RVE-160



#81

Benzo(a)anthracene

Concen: 7.051 ng

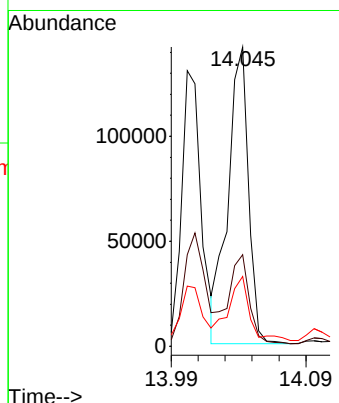
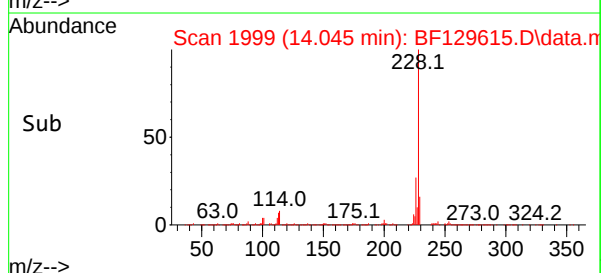
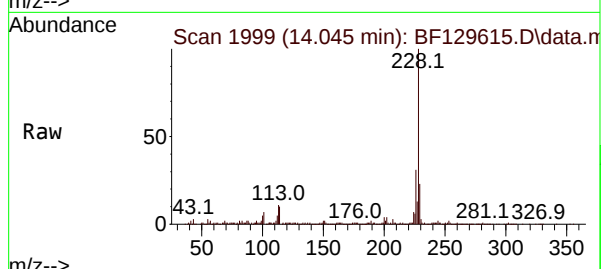
RT: 14.045 min Scan# 1999

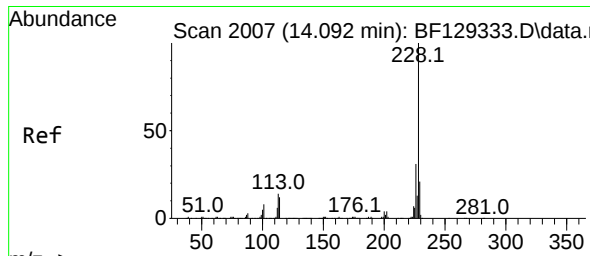
Delta R.T. 0.029 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

Tgt Ion:228	Resp: 149055
Ion Ratio	Lower Upper
228	100
226	30.6 22.1 33.1
229	23.3 15.8 23.8





#83

Chrysene

Concen: 7.482 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

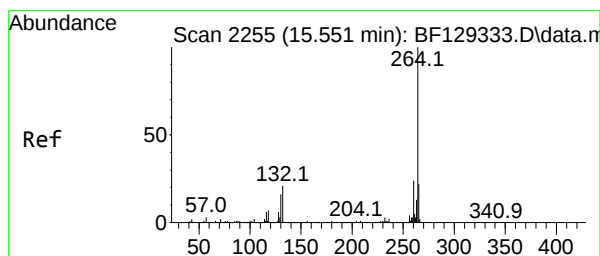
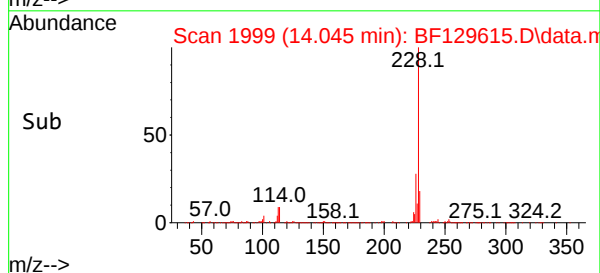
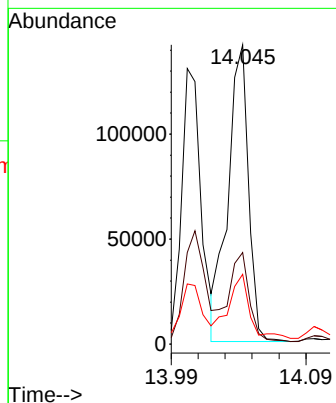
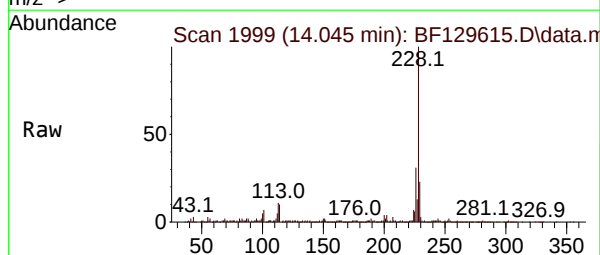
Tgt Ion:	228	Resp:	1490
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.3	36.5
229	23.3	15.9	23.9

Instrument :

BNA_F

ClientSampleId :

RVE-160



#86

Perylene-d12

Concen: 20.000 ng

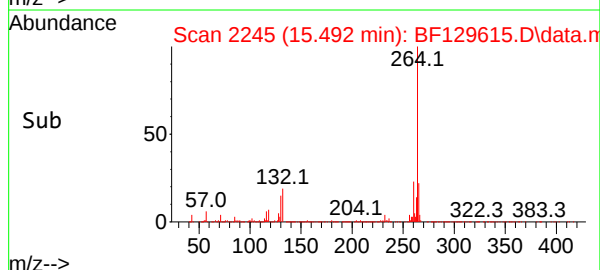
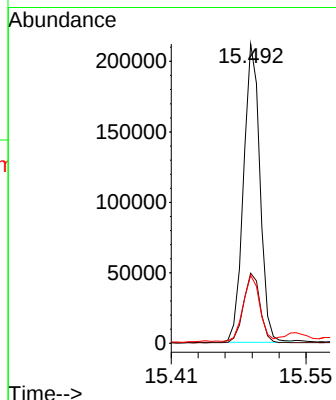
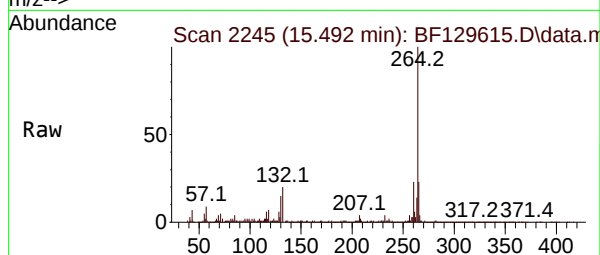
RT: 15.492 min Scan# 2245

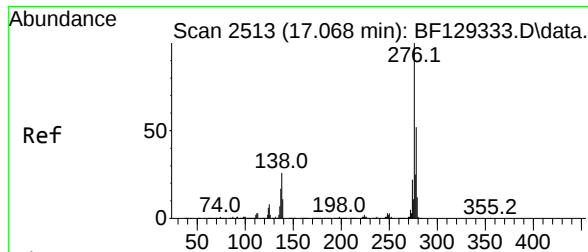
Delta R.T. -0.012 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

Tgt Ion:	264	Resp:	250538
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.4	27.6
265	22.7	17.2	25.8





#87

Indeno(1,2,3-cd)pyrene
Concen: 3.078 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.029 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

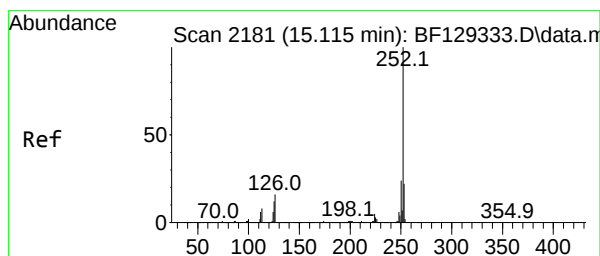
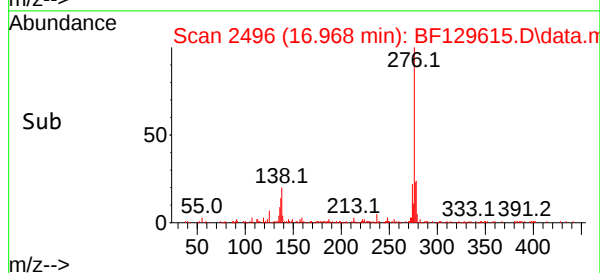
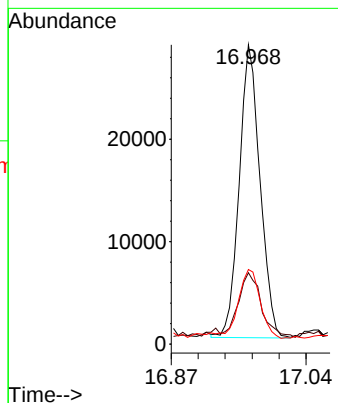
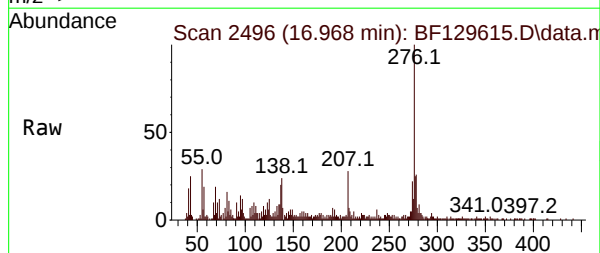
Tgt Ion:	276	Resp:	519
Ion Ratio	Lower	Upper	
276	100		
138	24.7	21.1	31.7
277	26.0	20.3	30.5

Instrument :

BNA_F

Client Sample ID :

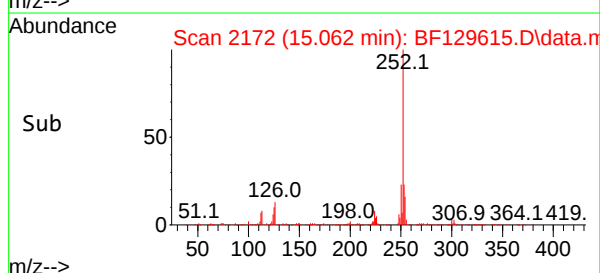
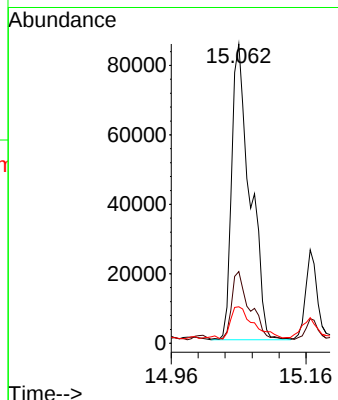
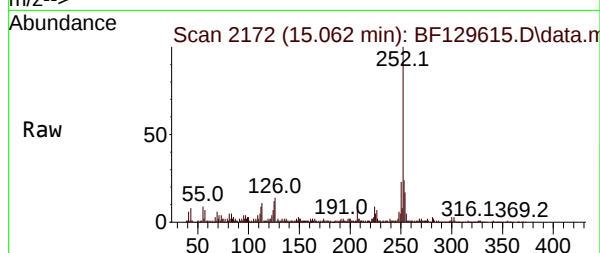
RVE-160

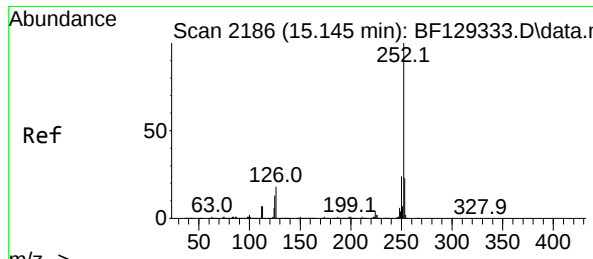


#88

Benzo(b)fluoranthene
Concen: 9.687 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129615.D
Acq: 05 Aug 2022 23:32

Tgt Ion:	252	Resp:	160989
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.7	26.5
125	12.2	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 9.885 ng

RT: 15.062 min Scan# 2172

Delta R.T. -0.041 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

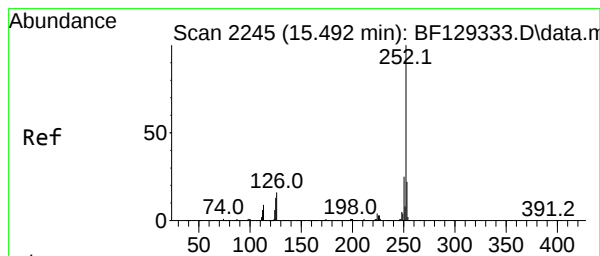
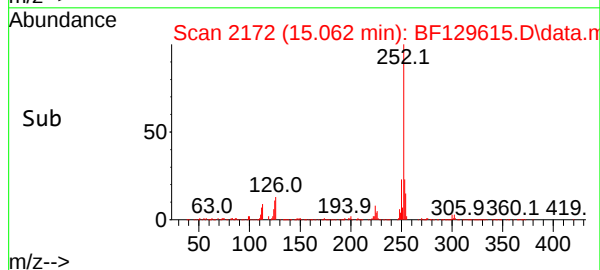
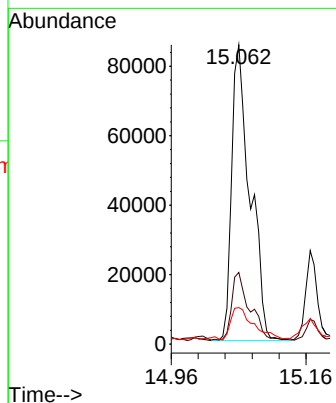
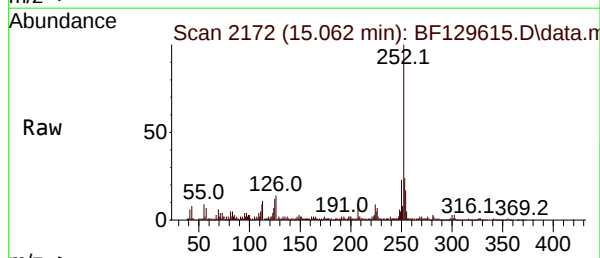
Tgt Ion:	252	Resp:	16098
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.6
125	12.2	8.3	12.5

Instrument :

BNA_F

ClientSampleId :

RVE-160



#90

Benzo(a)pyrene

Concen: 7.411 ng

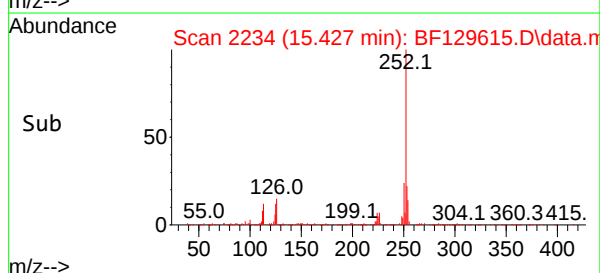
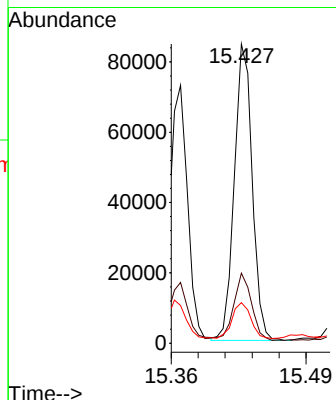
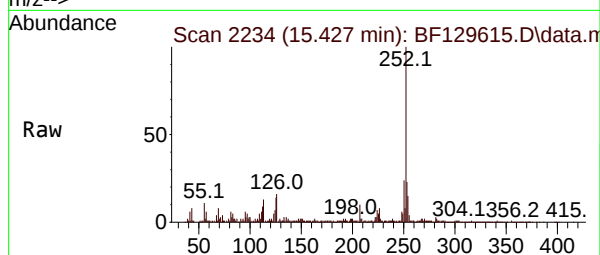
RT: 15.427 min Scan# 2234

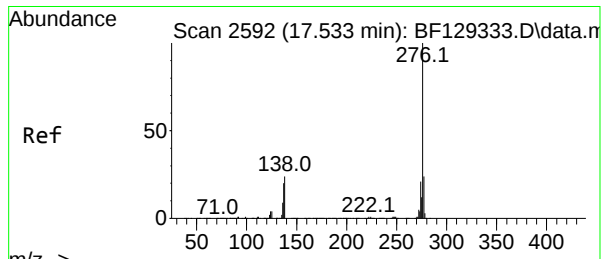
Delta R.T. -0.012 min

Lab File: BF129615.D

Acq: 05 Aug 2022 23:32

Tgt Ion:	252	Resp:	99985
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	13.6	8.8	13.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.896 ng
 RT: 17.421 min Scan# 2573
 Delta R.T. -0.029 min
 Lab File: BF129615.D
 Acq: 05 Aug 2022 23:32

Tgt Ion:	276	Resp:	6876
Ion Ratio	Lower	Upper	
276	100		
277	27.5	19.1	28.7
138	23.5	18.0	27.0

Instrument :
 BNA_F
 ClientSampleId :
 RVE-160

