

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129515.D
 Acq On : 02 Aug 2022 19:25
 Operator : CG\JU
 Sample : N3927-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-88

Quant Time: Aug 03 01:47:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

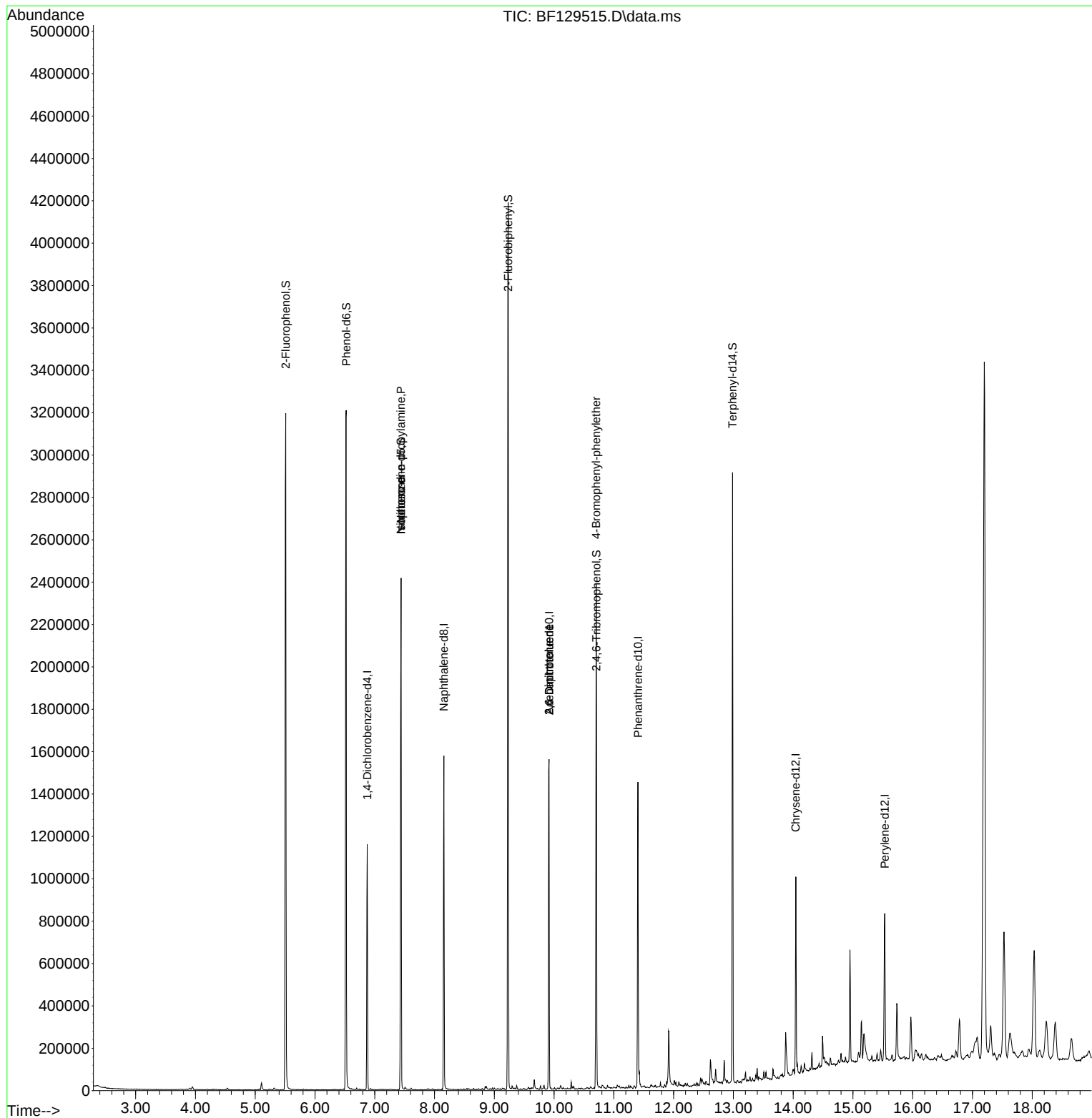
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	158941	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	627291	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	323316	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	485372	20.000	ng	0.00
76) Chrysene-d12	14.045	240	272333	20.000	ng	0.00
86) Perylene-d12	15.533	264	300638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	882115	90.409	ng	0.00
7) Phenol-d6	6.522	99	1117390	91.112	ng	0.00
23) Nitrobenzene-d5	7.440	82	706581	61.489	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	255930	82.334	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1259636	60.269	ng	0.00
79) Terphenyl-d14	12.986	244	894982	62.000	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	93386	12.578	ng	# 73
25) Isophorone	7.440	82	706577	34.303	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	42283	8.464	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	42283	6.479	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	16756	3.153	ng	# 1

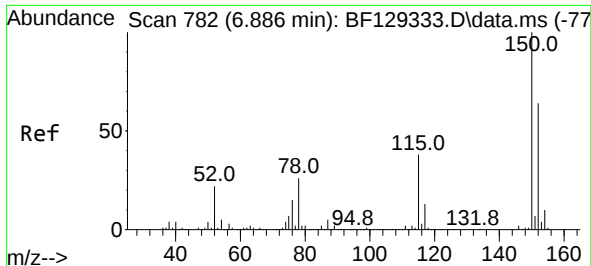
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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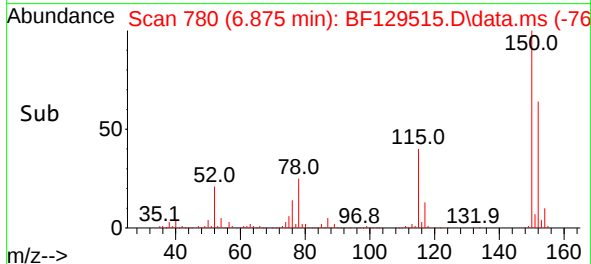
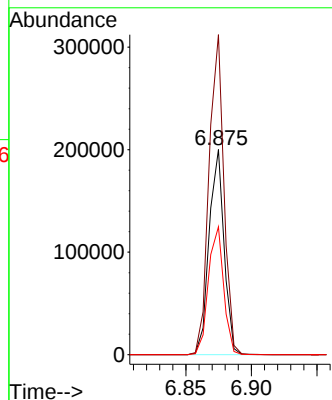
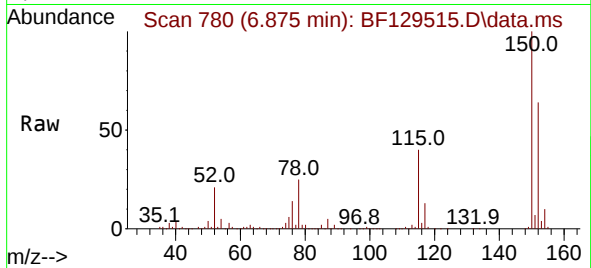




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129515.D
 Acq: 02 Aug 2022 19:25

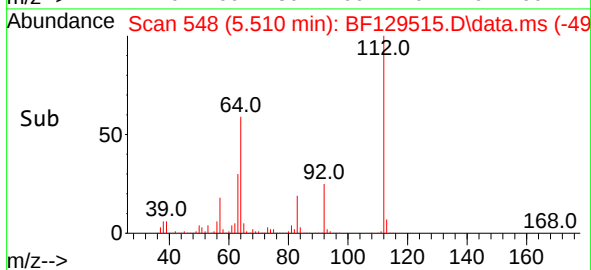
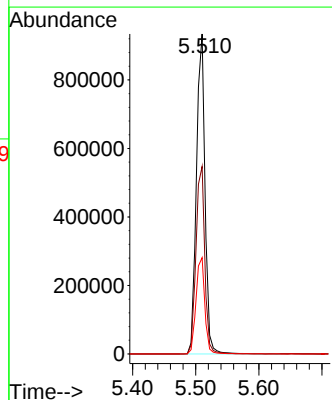
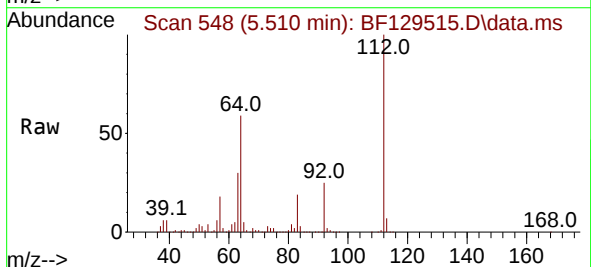
Instrument :
 BNA_F
 ClientSampleId :
 RVE-88

Tgt Ion:152 Resp: 158941
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.7 185.5
 115 62.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 90.409 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129515.D
 Acq: 02 Aug 2022 19:25

Tgt Ion:112 Resp: 882115
 Ion Ratio Lower Upper
 112 100
 64 58.6 53.3 79.9
 63 30.1 28.0 42.0

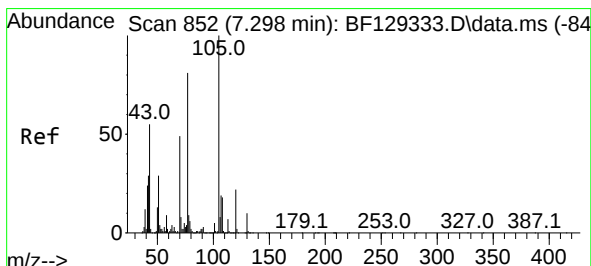
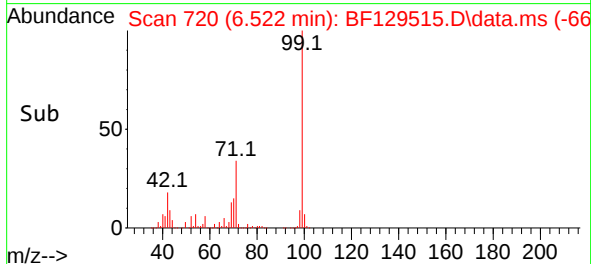
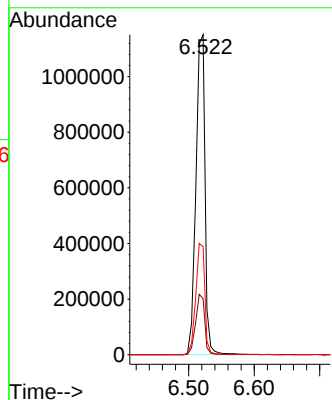
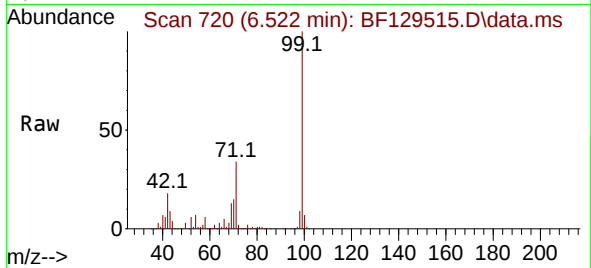




#7
Phenol-d6
Concen: 91.112 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

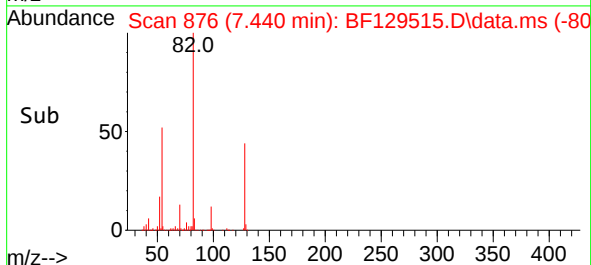
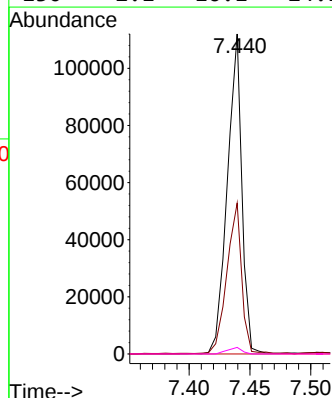
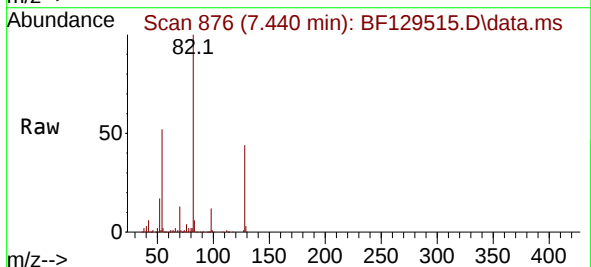
Instrument :
BNA_F
ClientSampleId :
RVE-88

Tgt Ion: 99 Resp: 1117390
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.578 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Tgt Ion: 70 Resp: 93386
Ion Ratio Lower Upper
70 100
42 47.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



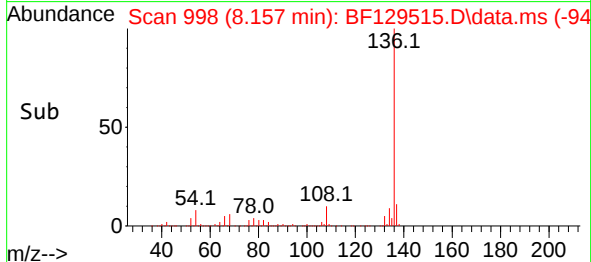
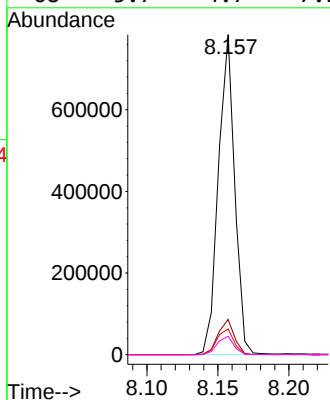
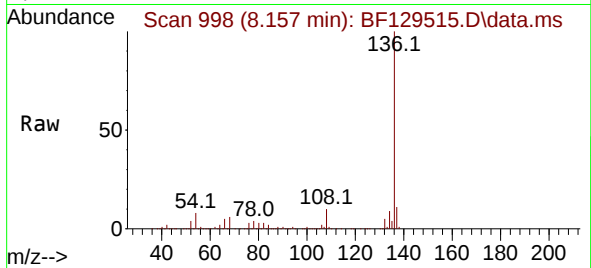


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Instrument :
BNA_F
ClientSampleId :
RVE-88

Tgt Ion:136 Resp: 627291

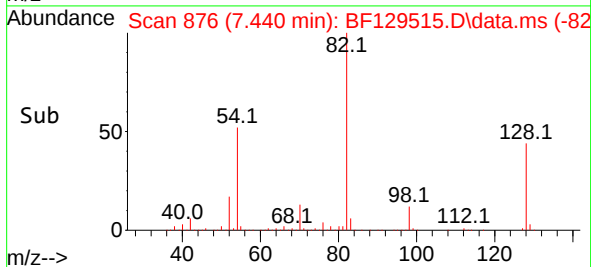
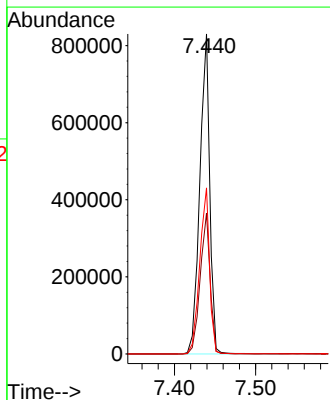
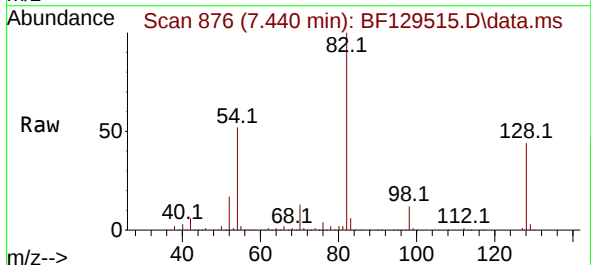
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 61.489 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Tgt Ion: 82 Resp: 706581

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	51.9	46.9	70.3

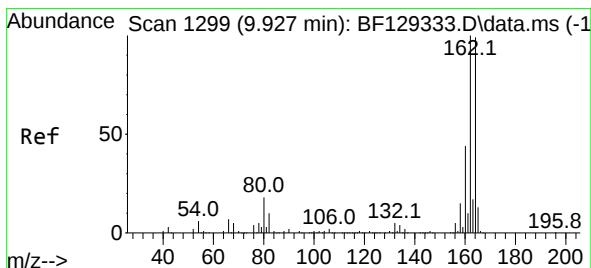
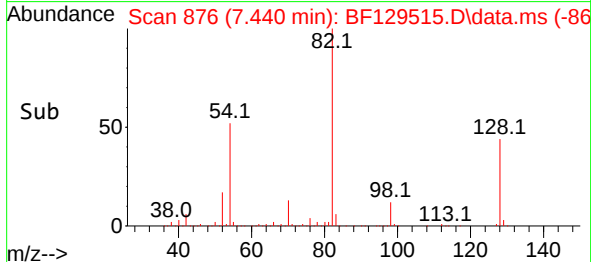
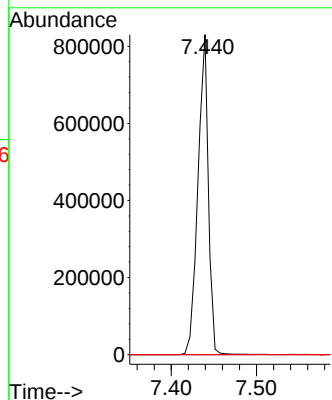
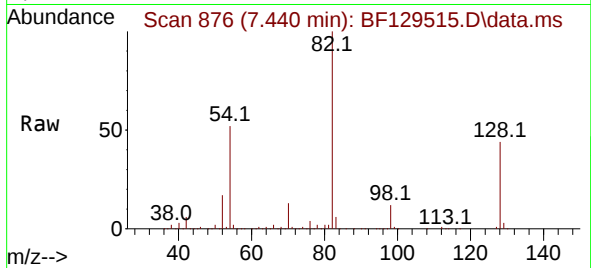




#25
Isophorone
Concen: 34.303 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

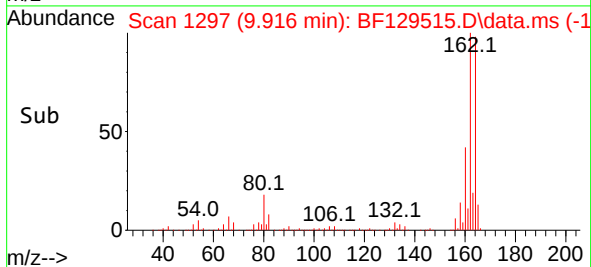
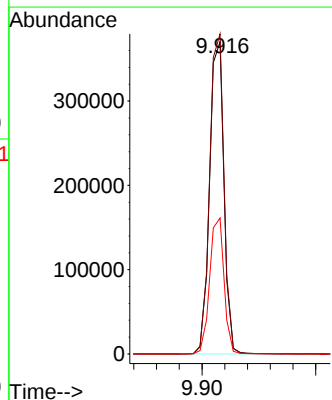
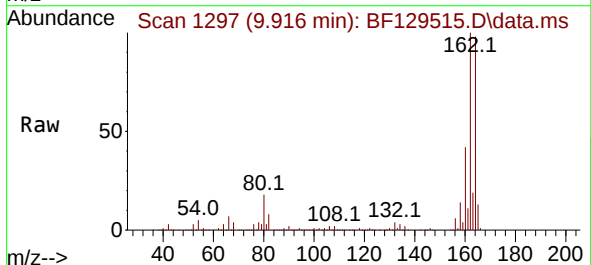
Instrument :
BNA_F
ClientSampleId :
RVE-88

Tgt Ion: 82 Resp: 706577
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Tgt Ion:164 Resp: 323316
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 43.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.334 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129515.D

Acq: 02 Aug 2022 19:25

Instrument :

BNA_F

ClientSampleId :

RVE-88

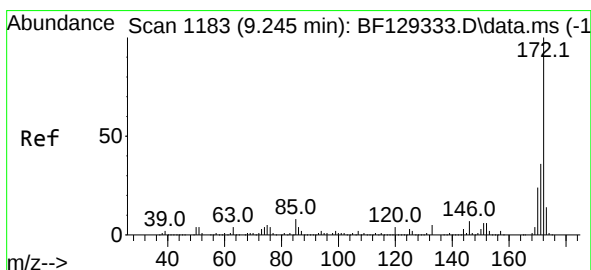
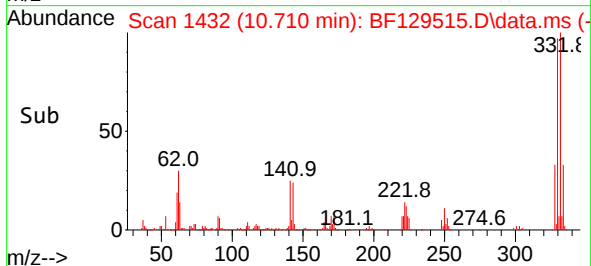
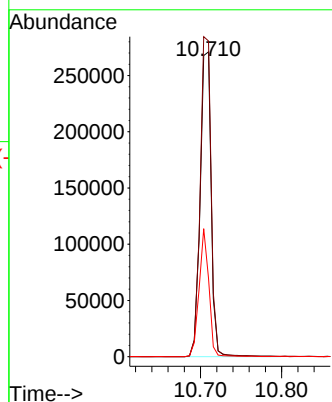
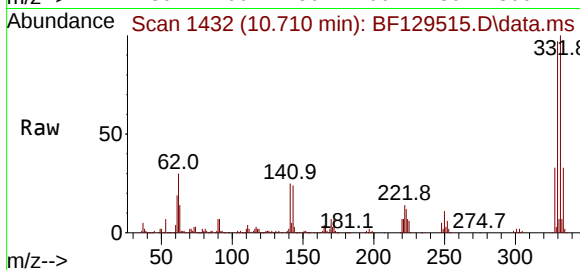
Tgt Ion:330 Resp: 255930

Ion Ratio Lower Upper

330 100

332 104.8 76.8 115.2

141 37.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.269 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129515.D

Acq: 02 Aug 2022 19:25

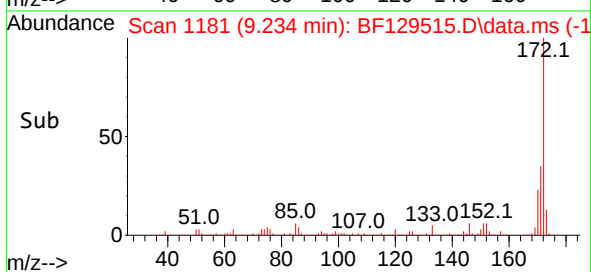
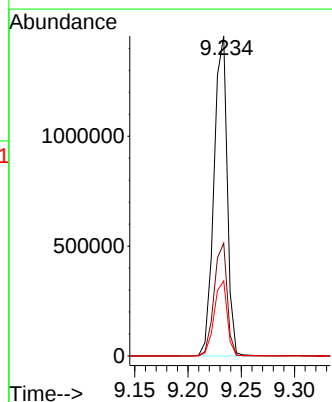
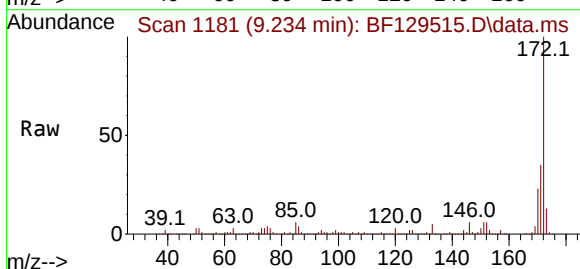
Tgt Ion:172 Resp: 1259636

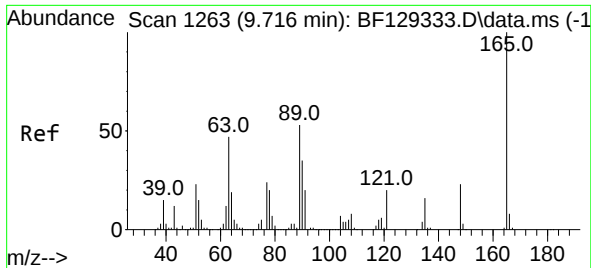
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

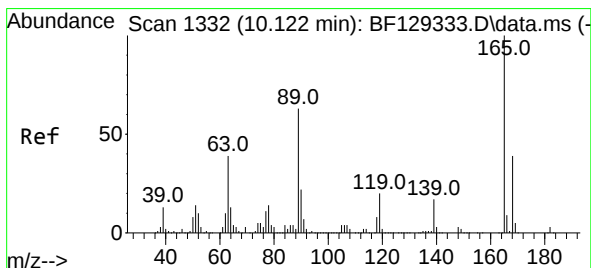
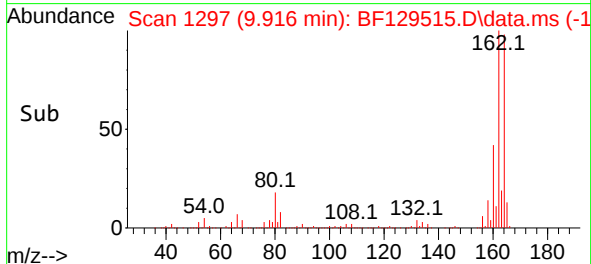
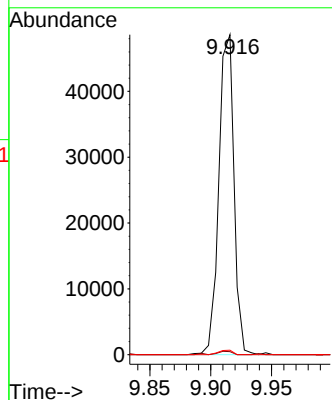
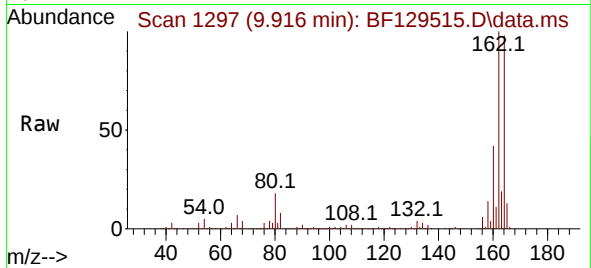




#51
2,6-Dinitrotoluene
Concen: 8.464 ng
RT: 9.916 min Scan# 1263
Delta R.T. 0.212 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

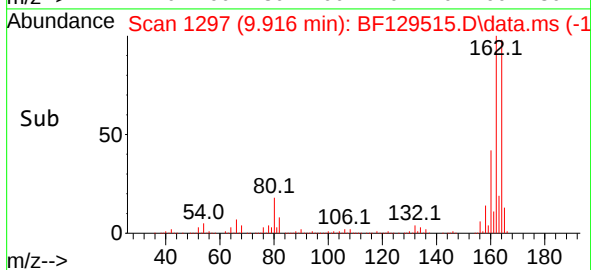
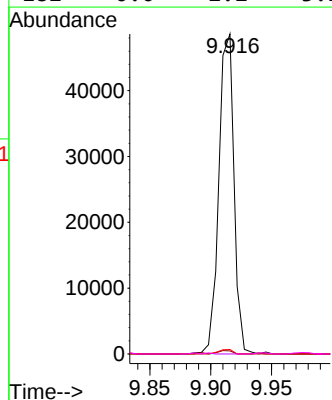
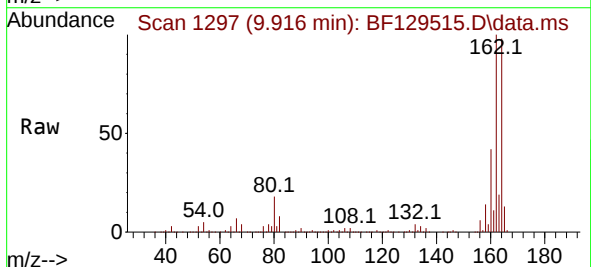
Instrument :
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ClientSampleId :
RVE-88

Tgt Ion:165 Resp: 42283
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.479 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.194 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Tgt Ion:165 Resp: 42283
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

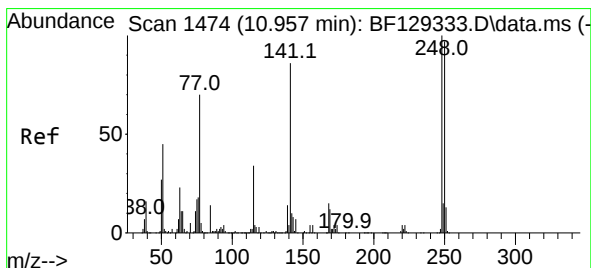
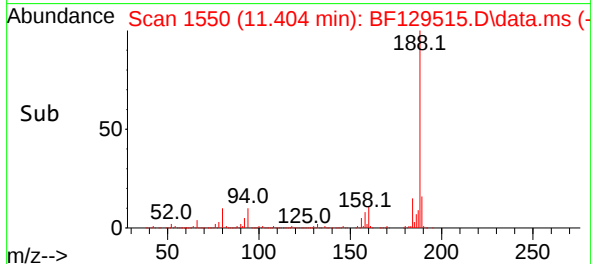
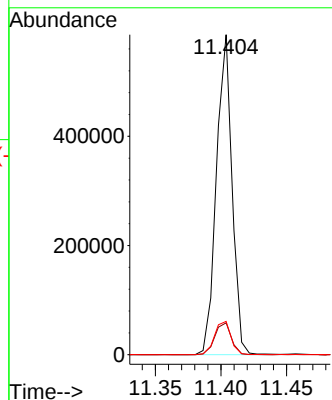
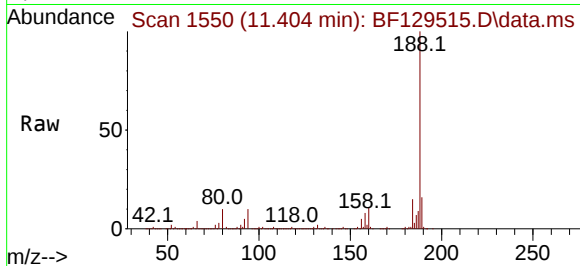




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

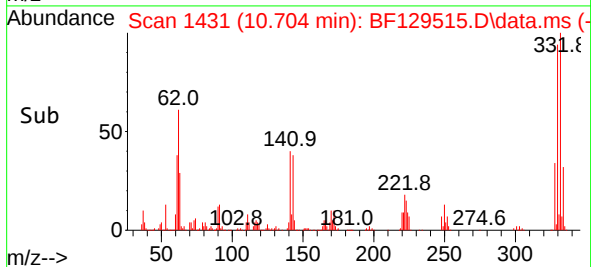
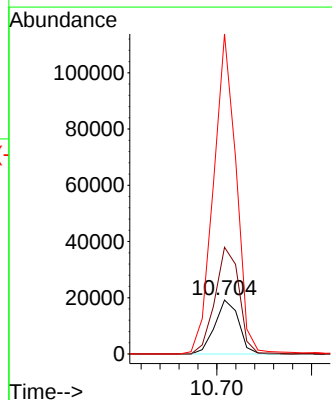
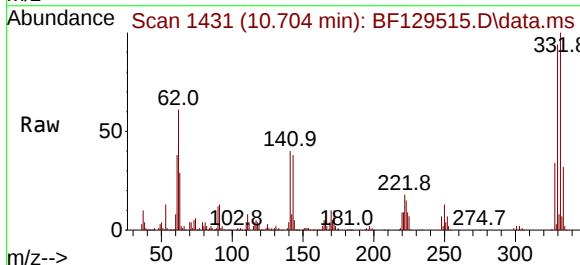
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BNA_F
ClientSampleId :
RVE-88

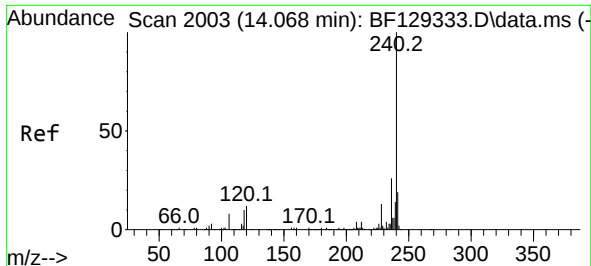
Tgt Ion:188 Resp: 485372
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.153 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Tgt Ion:248 Resp: 16756
Ion Ratio Lower Upper
248 100
250 197.9 80.6 120.8#
141 593.3 58.9 88.3#

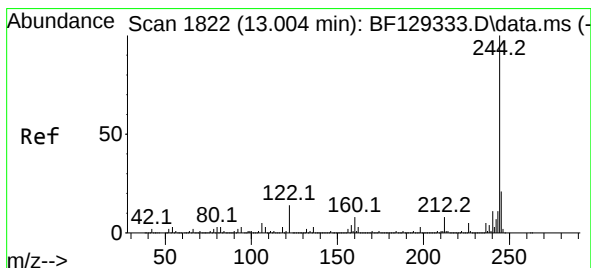
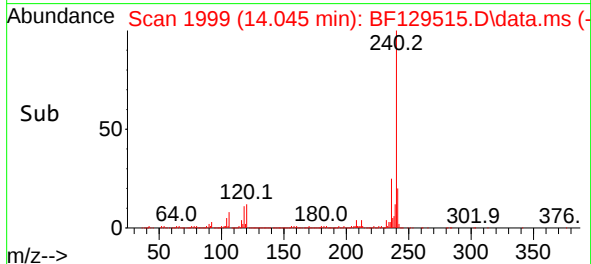
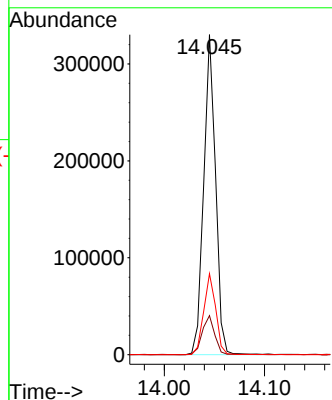
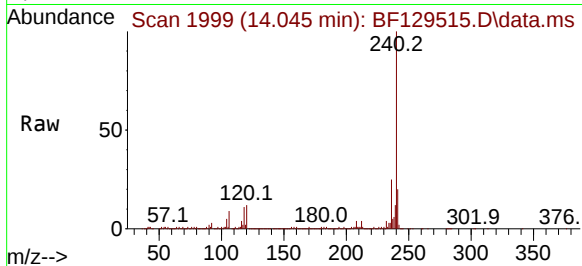




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

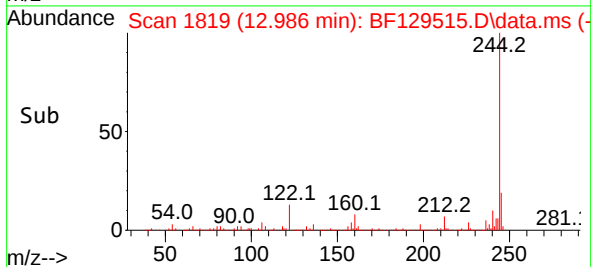
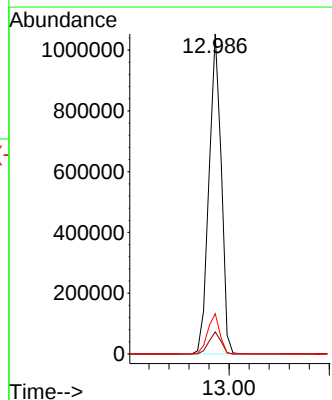
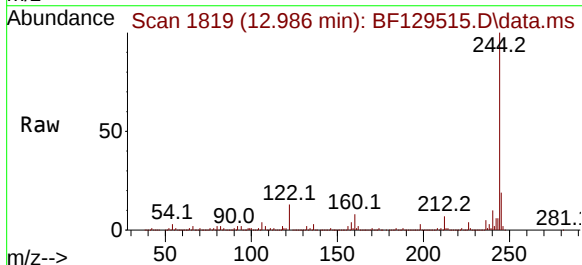
Instrument :
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RVE-88

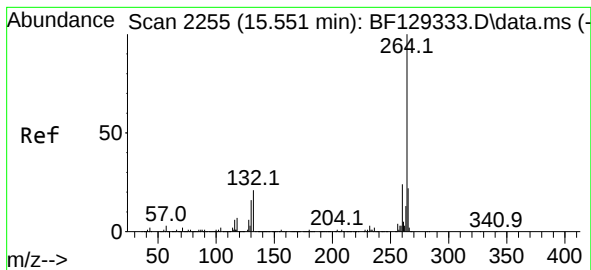
Tgt Ion:240 Resp: 272333
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 62.000 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Tgt Ion:244 Resp: 894982
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129515.D
Acq: 02 Aug 2022 19:25

Instrument :
BNA_F
ClientSampleId :
RVE-88

Tgt Ion:264 Resp: 300638

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.9	17.2	25.8

