

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129407.D
 Acq On : 28 Jul 2022 14:08
 Operator : CG\JU
 Sample : N3894-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-36

Quant Time: Jul 29 02:07:47 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)

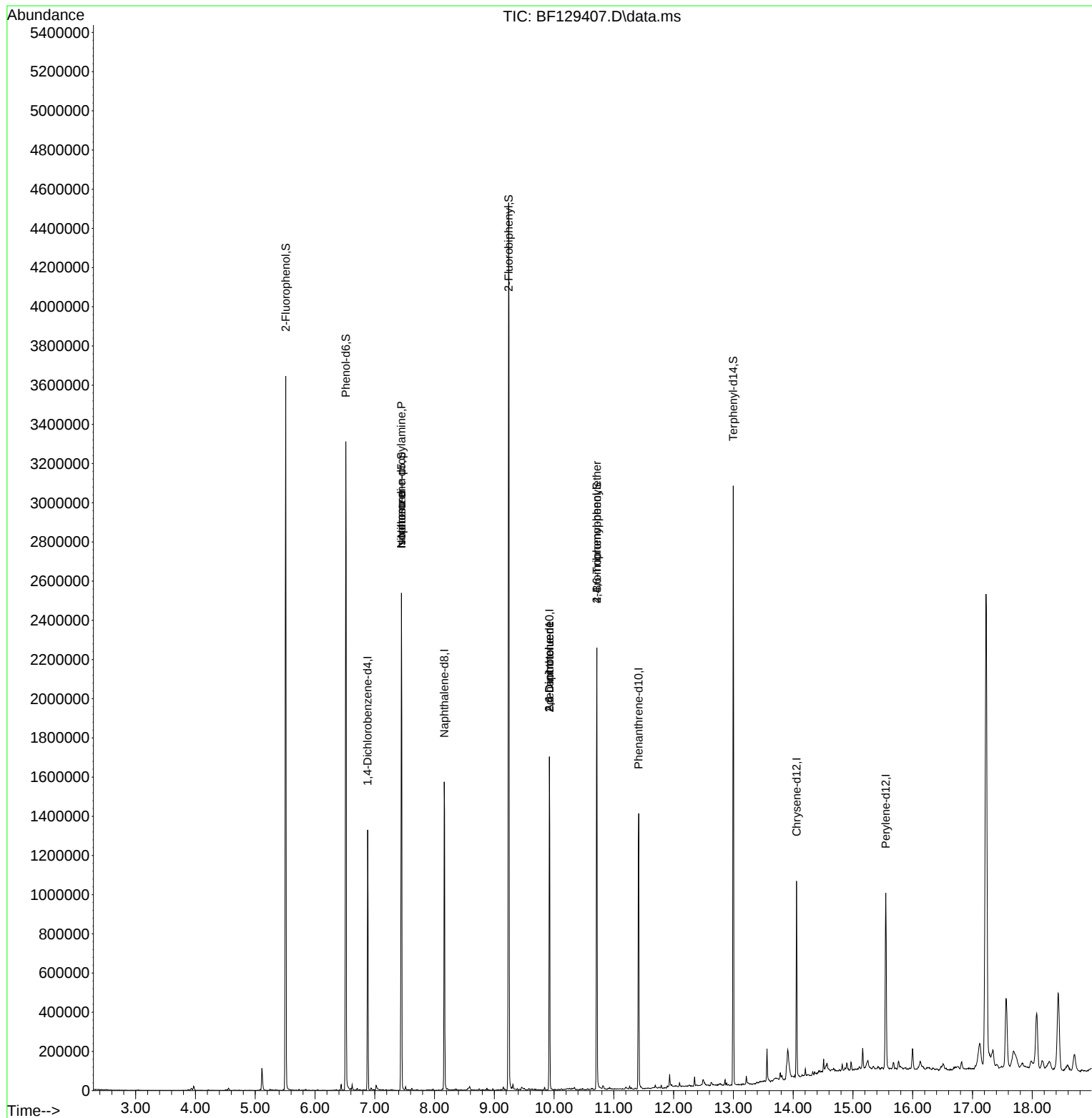
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	175364	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	685113	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	339567	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	479524	20.000	ng	0.00
76) Chrysene-d12	14.057	240	307901	20.000	ng	-0.01
86) Perylene-d12	15.551	264	387889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	906466	84.204	ng	0.01
7) Phenol-d6	6.516	99	1168284	86.340	ng	0.00
23) Nitrobenzene-d5	7.445	82	801225	63.840	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	235726	72.205	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1413804	64.408	ng	0.00
79) Terphenyl-d14	12.998	244	947692	58.067	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	107082	13.072	ng	# 74
25) Isophorone	7.445	82	801214	35.615	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	44528	8.487	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	44528	6.497	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	15048	2.866	ng	# 1

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

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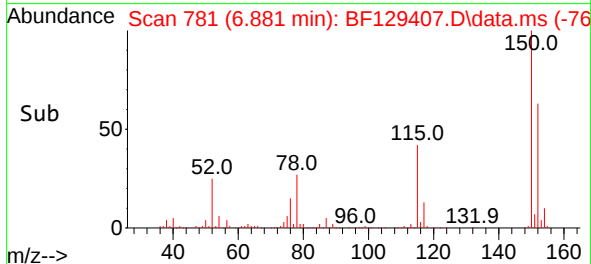
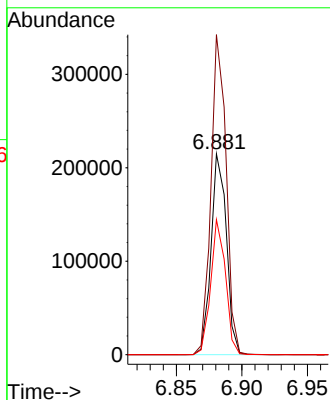
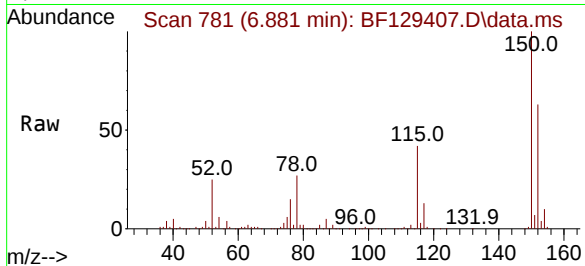




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129407.D
 Acq: 28 Jul 2022 14:08

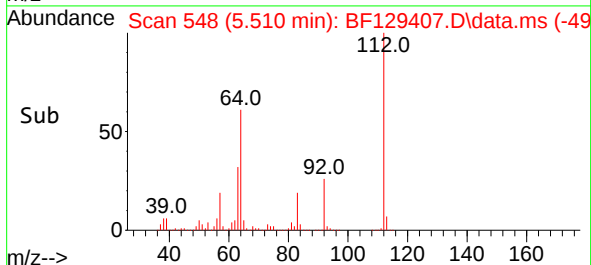
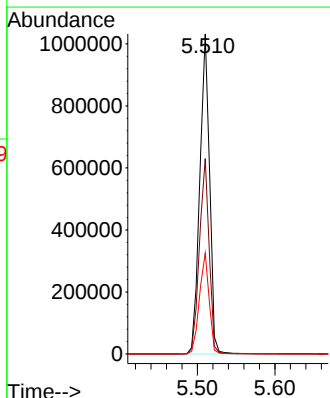
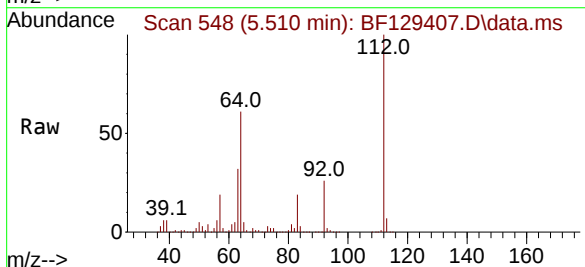
Instrument :
 BNA_F
 ClientSampleId :
 RVE-36

Tgt Ion:152 Resp: 175364
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.7 185.5
 115 67.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 84.204 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129407.D
 Acq: 28 Jul 2022 14:08

Tgt Ion:112 Resp: 906466
 Ion Ratio Lower Upper
 112 100
 64 61.1 53.3 79.9
 63 31.6 28.0 42.0



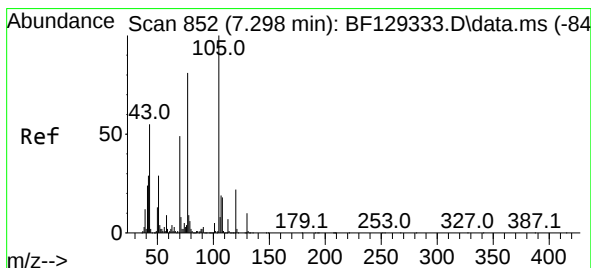
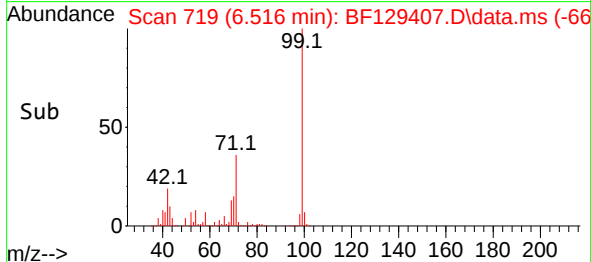
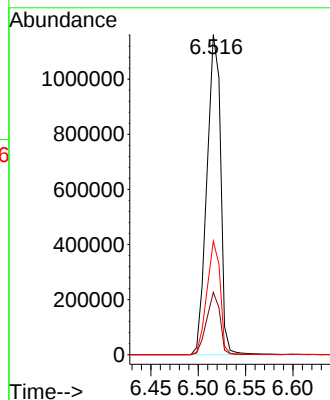
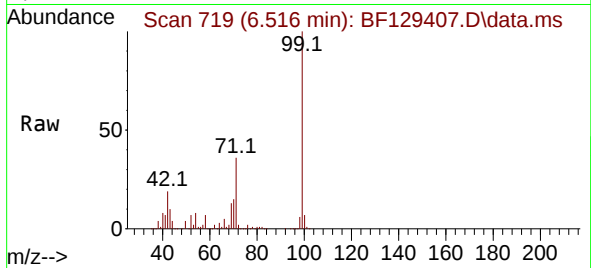


#7
Phenol-d6
Concen: 86.340 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Instrument :
BNA_F
ClientSampleId :
RVE-36

Tgt Ion: 99 Resp: 1168284

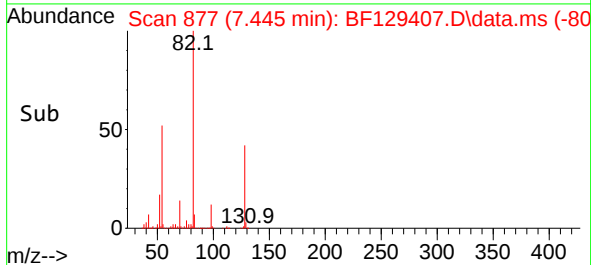
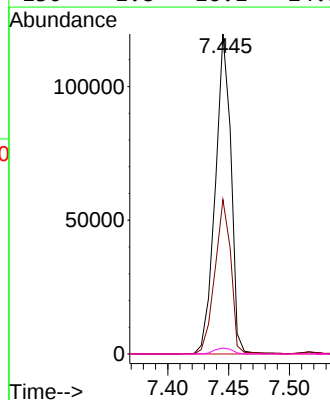
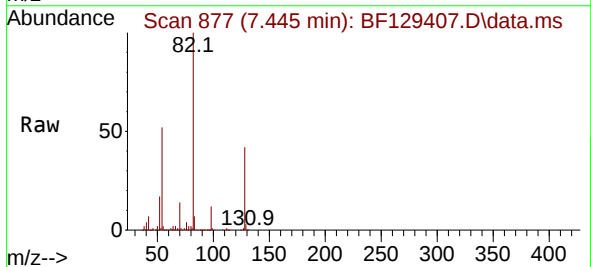
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	35.5	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.072 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Tgt Ion: 70 Resp: 107082

Ion	Ratio	Lower	Upper
70	100		
42	48.3	52.3	78.5#
101	0.0	7.5	11.3#
130	1.8	16.1	24.1#



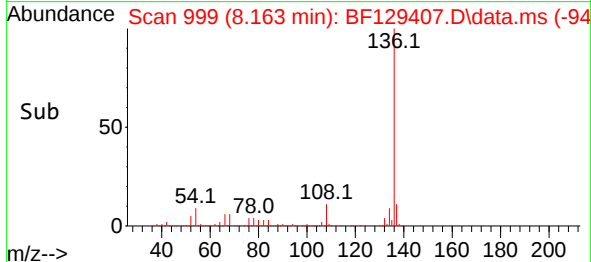
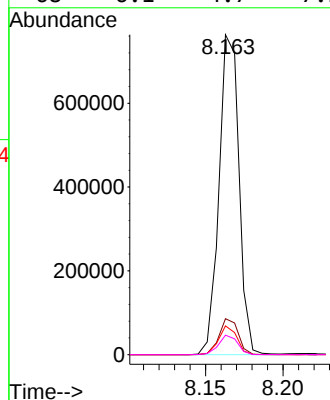
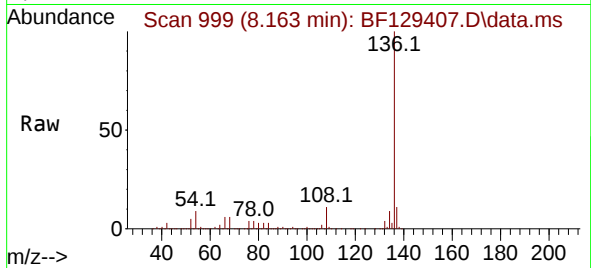


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Instrument :
BNA_F
ClientSampleId :
RVE-36

Tgt Ion:136 Resp: 685113

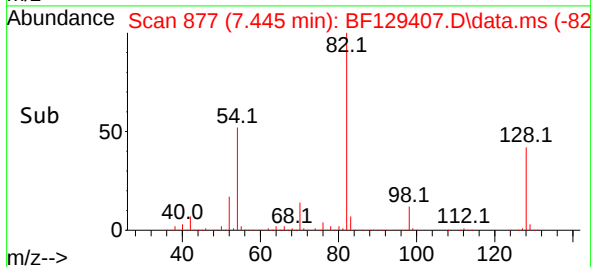
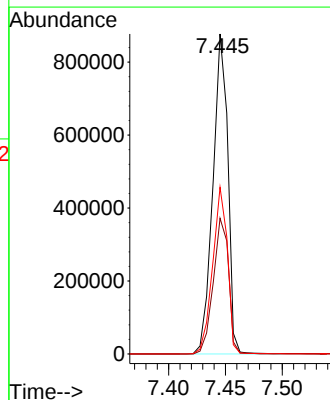
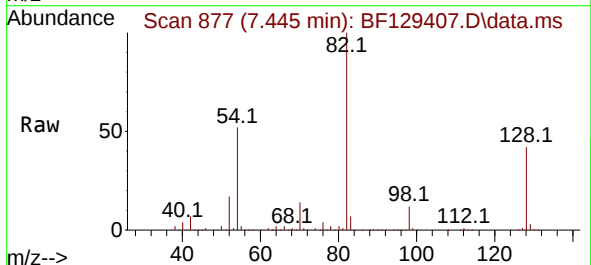
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.0	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 63.840 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Tgt Ion: 82 Resp: 801225

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	52.1	46.9	70.3

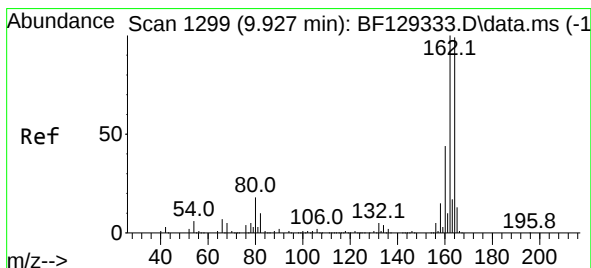
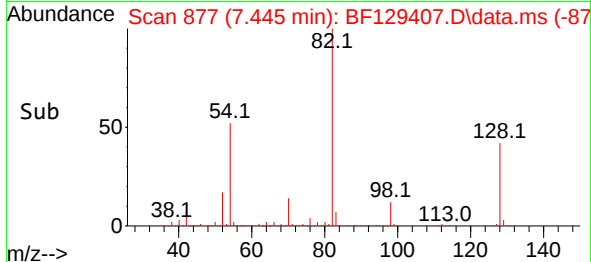
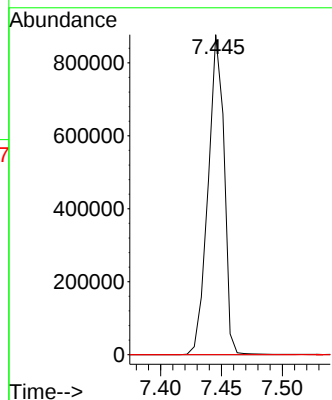
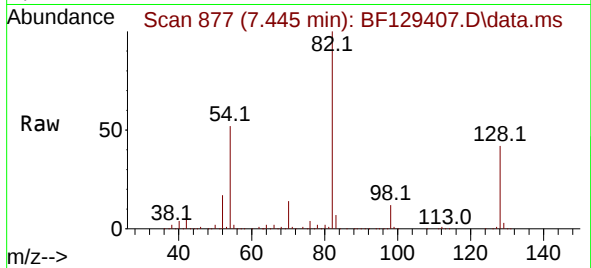




#25
Isophorone
Concen: 35.615 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

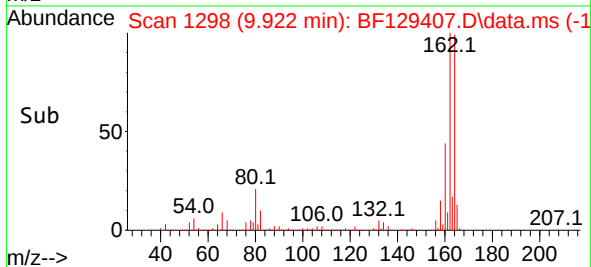
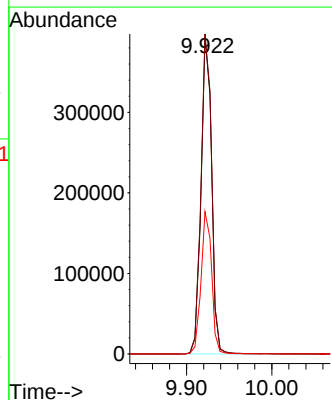
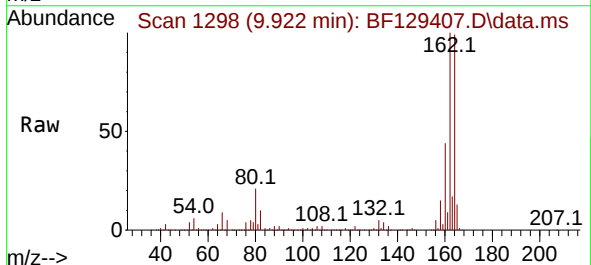
Instrument :
BNA_F
ClientSampleId :
RVE-36

Tgt Ion: 82 Resp: 801214
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: BF129407.D
Acq: 28 Jul 2022 14:08

Tgt Ion: 164 Resp: 339567
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 72.205 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129407.D

Acq: 28 Jul 2022 14:08

Instrument :

BNA_F

ClientSampleId :

RVE-36

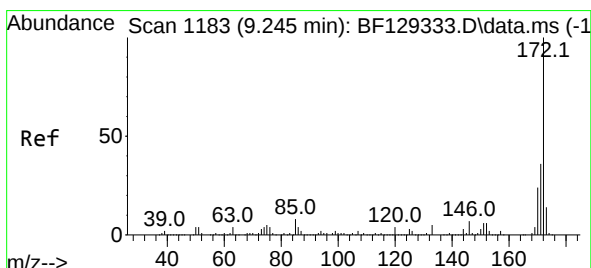
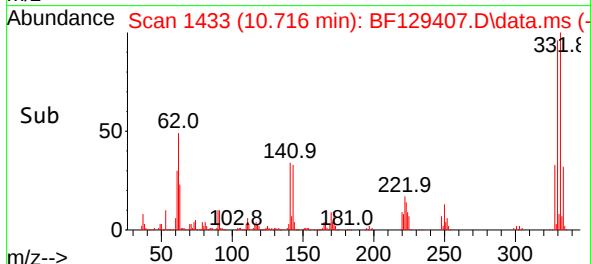
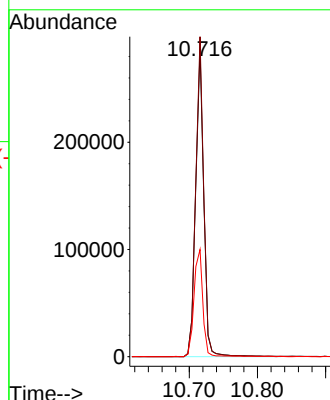
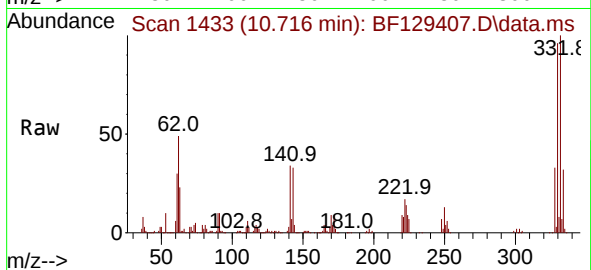
Tgt Ion:330 Resp: 235726

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 38.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.408 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129407.D

Acq: 28 Jul 2022 14:08

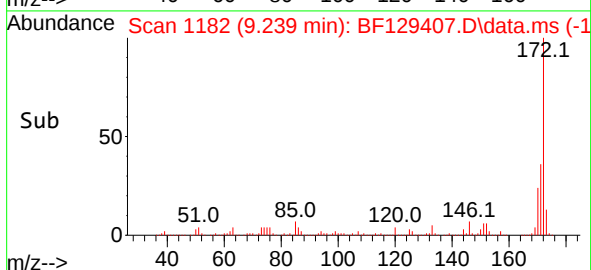
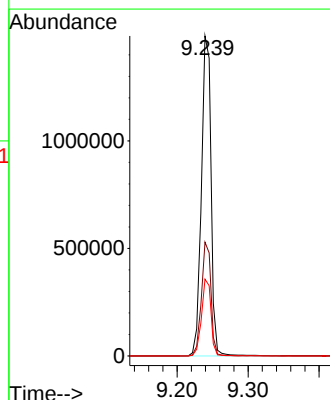
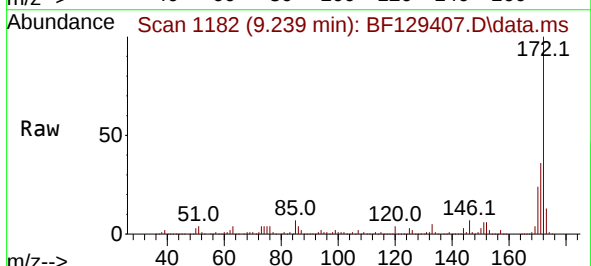
Tgt Ion:172 Resp: 1413804

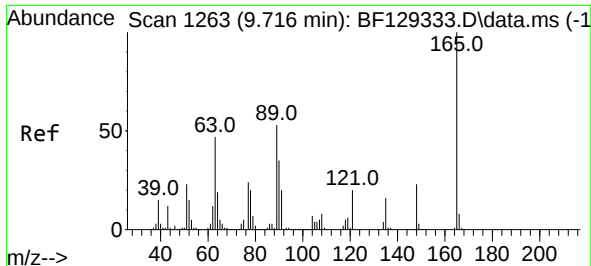
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.487 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129407.D

Acq: 28 Jul 2022 14:08

Instrument :

BNA_F

ClientSampleId :

RVE-36

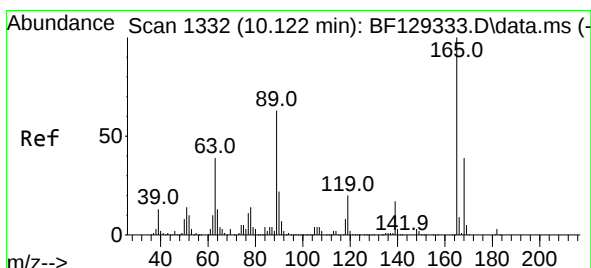
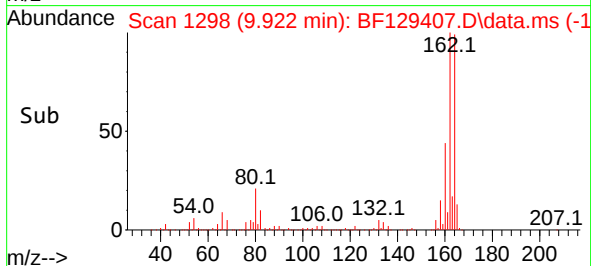
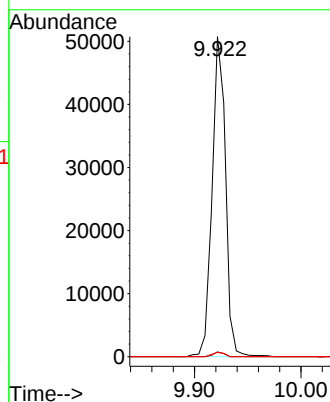
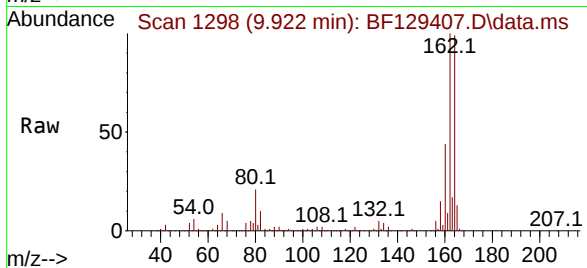
Tgt Ion:165 Resp: 44528

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.497 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129407.D

Acq: 28 Jul 2022 14:08

Tgt Ion:165 Resp: 44528

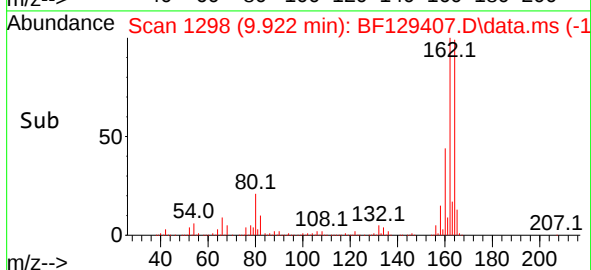
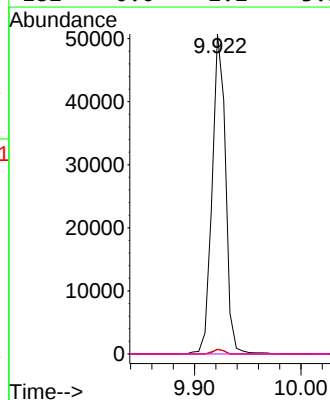
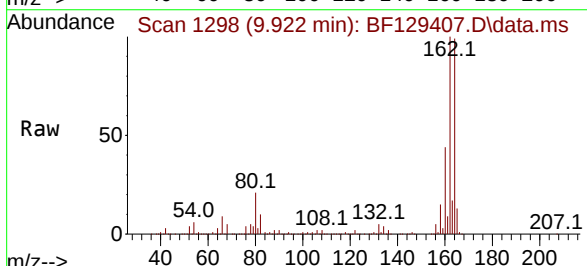
Ion Ratio Lower Upper

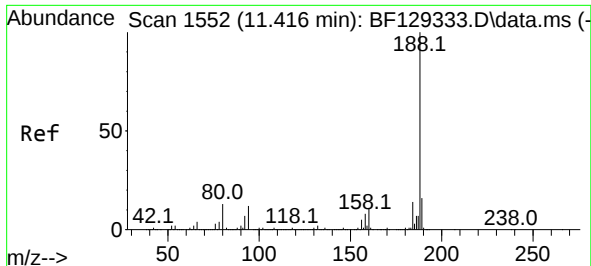
165 100

63 1.5 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

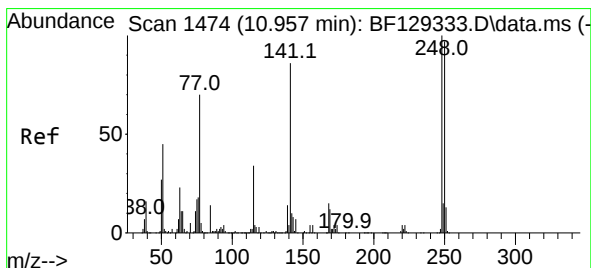
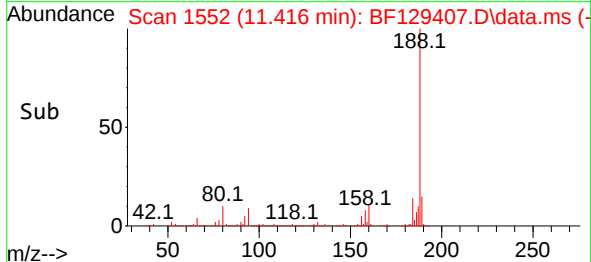
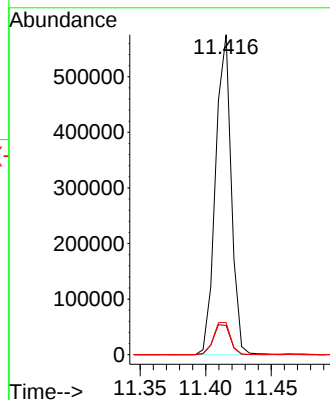
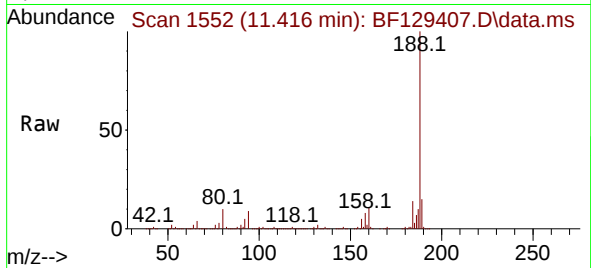




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

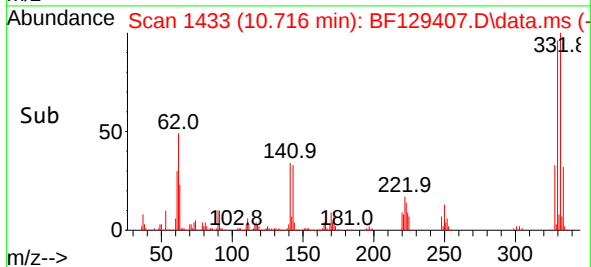
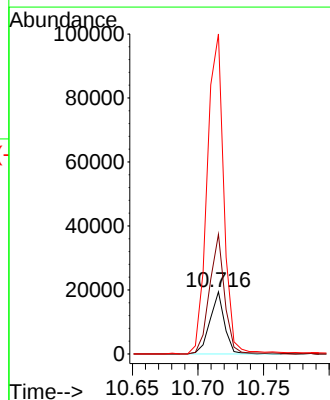
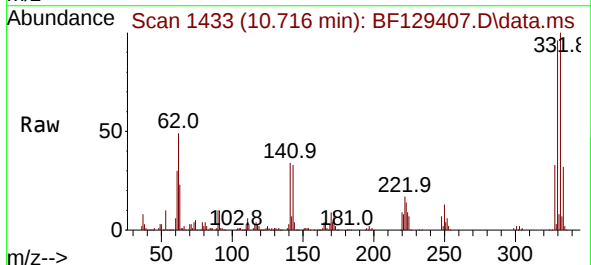
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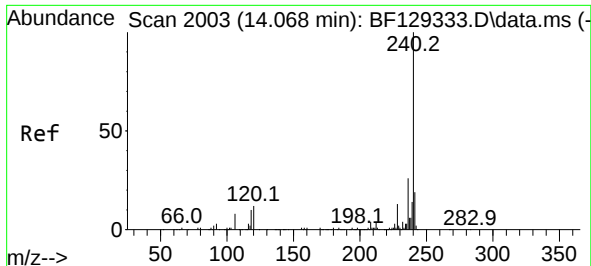
Tgt Ion:188 Resp: 479524
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.866 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Tgt Ion:248 Resp: 15048
Ion Ratio Lower Upper
248 100
250 192.7 80.6 120.8#
141 515.2 58.9 88.3#

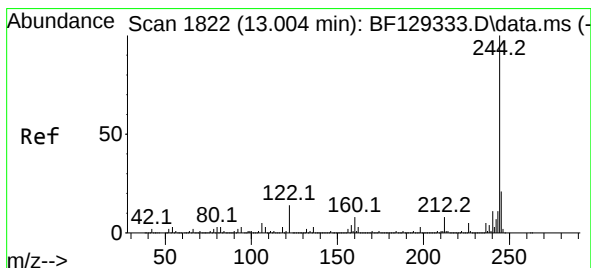
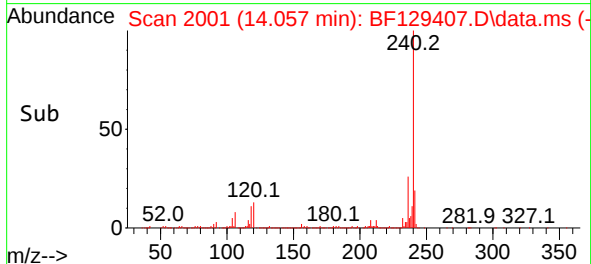
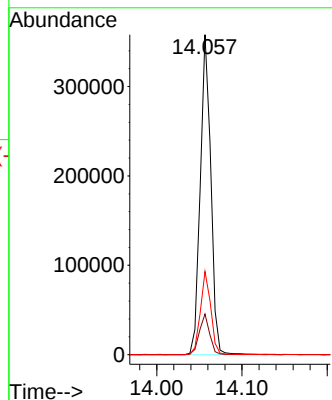
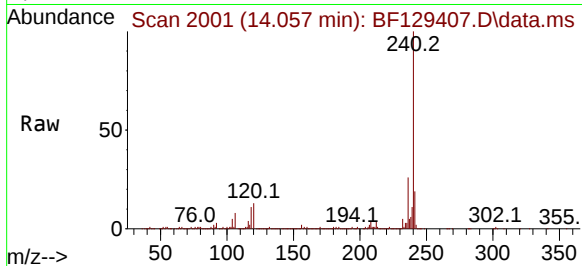




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

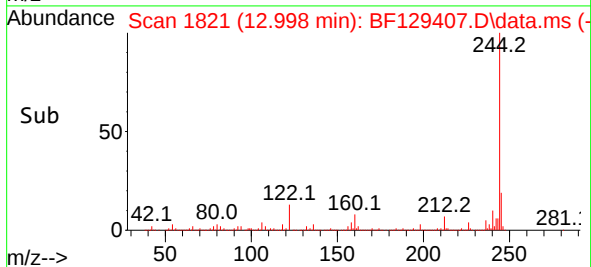
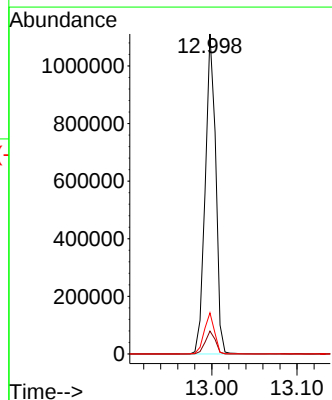
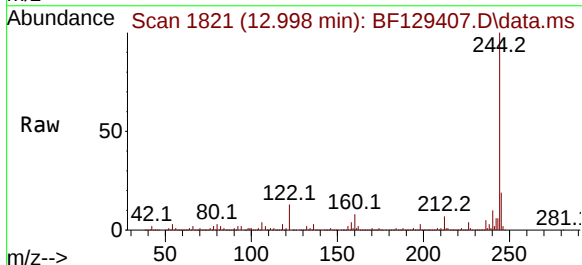
Instrument :
BNA_F
ClientSampleId :
RVE-36

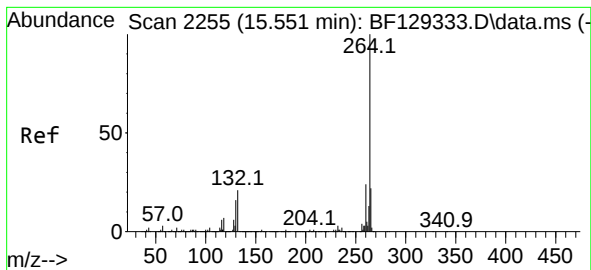
Tgt Ion:240 Resp: 307901
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 58.067 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Tgt Ion:244 Resp: 947692
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129407.D
Acq: 28 Jul 2022 14:08

Instrument :
BNA_F
ClientSampleId :
RVE-36

Tgt Ion:264 Resp: 387889

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.3	17.2	25.8

