

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129408.D
 Acq On : 28 Jul 2022 14:41
 Operator : CG\JU
 Sample : N3894-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-26

Quant Time: Jul 29 02:07:55 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)

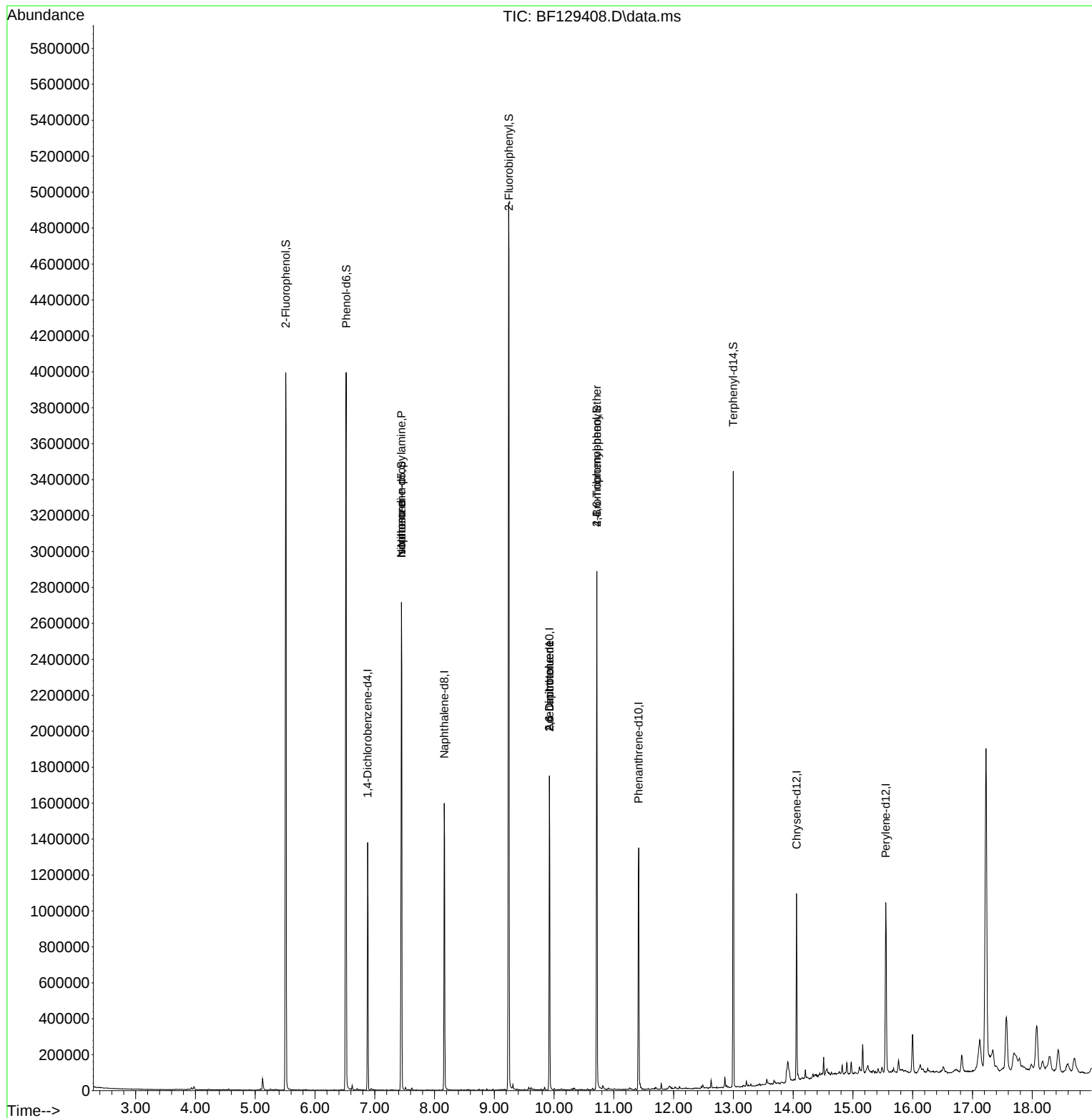
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	180193	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	698725	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	344640	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	472703	20.000	ng	0.00
76) Chrysene-d12	14.057	240	314112	20.000	ng	-0.01
86) Perylene-d12	15.551	264	395421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1140824	103.134	ng	0.01
7) Phenol-d6	6.522	99	1423947	102.415	ng	0.00
23) Nitrobenzene-d5	7.445	82	904605	70.673	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	295237	89.102	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1568488	70.403	ng	0.00
79) Terphenyl-d14	12.998	244	1061022	63.726	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	120863	14.359	ng	# 75
25) Isophorone	7.445	82	903709	39.388	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	43356	8.142	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	43356	6.233	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	18805	3.633	ng	# 1

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

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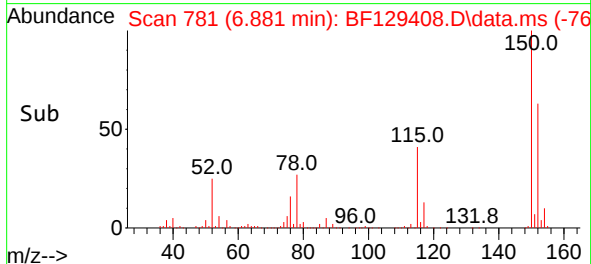
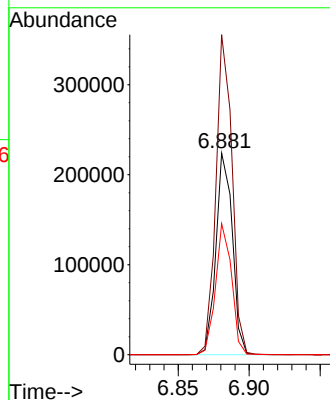
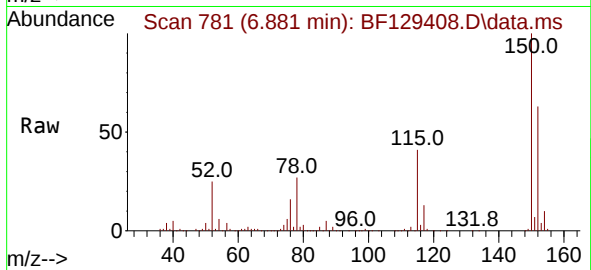




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129408.D
 Acq: 28 Jul 2022 14:41

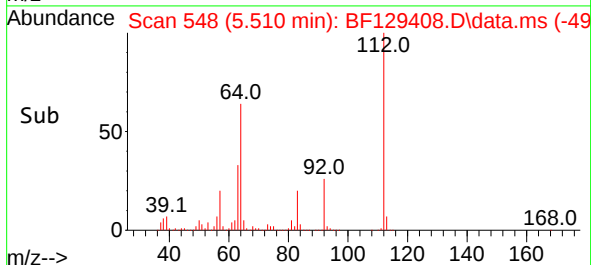
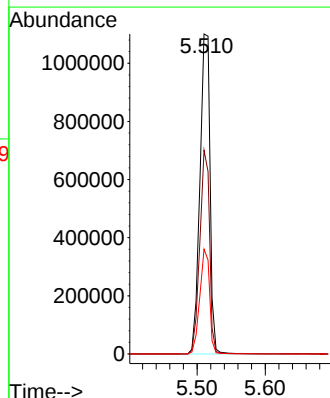
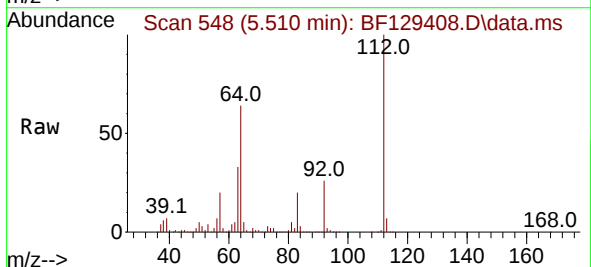
Instrument :
 BNA_F
 ClientSampleId :
 RVE-26

Tgt Ion:152 Resp: 180193
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.7 185.5
 115 65.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 103.134 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129408.D
 Acq: 28 Jul 2022 14:41

Tgt Ion:112 Resp: 1140824
 Ion Ratio Lower Upper
 112 100
 64 63.7 53.3 79.9
 63 32.8 28.0 42.0

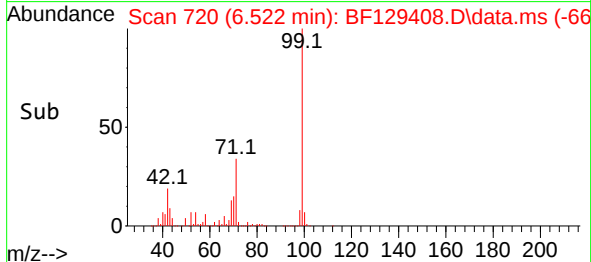
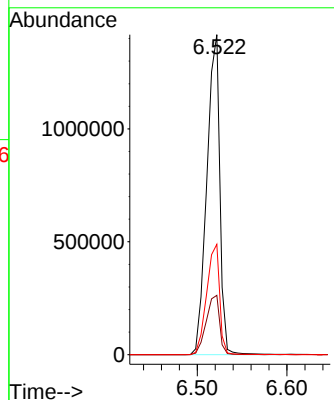
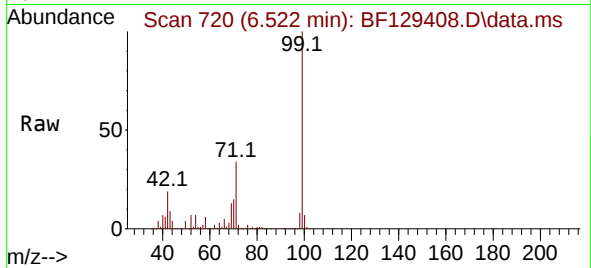




#7
Phenol-d6
Concen: 102.415 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

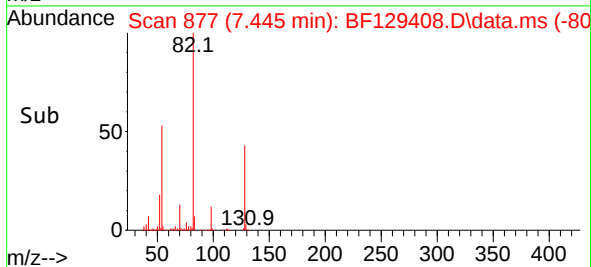
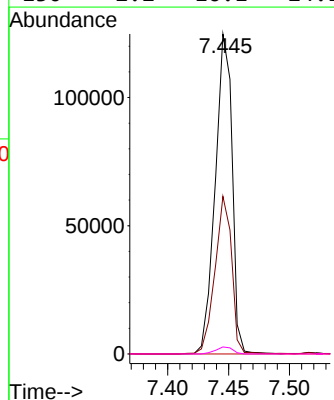
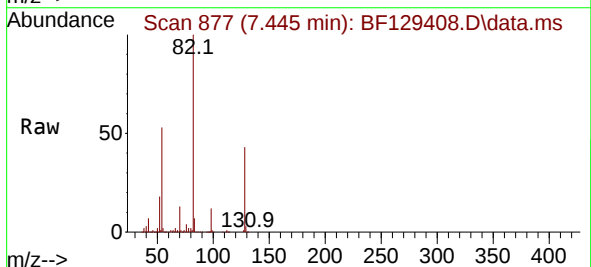
Instrument :
BNA_F
ClientSampleId :
RVE-26

Tgt Ion: 99 Resp: 1423947
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 34.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.359 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

Tgt Ion: 70 Resp: 120863
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



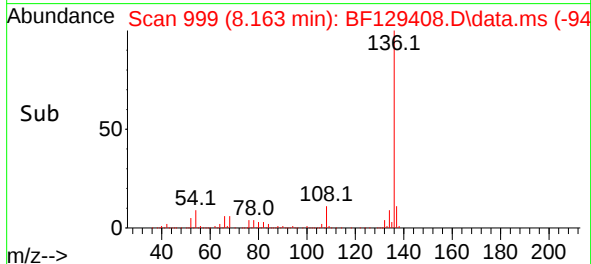
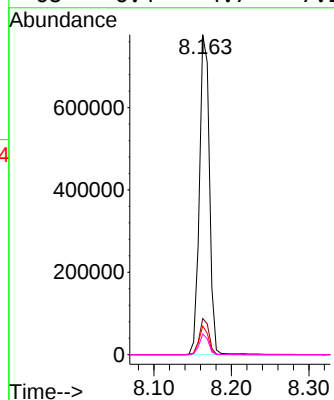
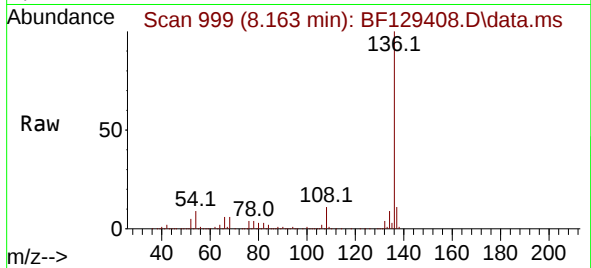


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

Instrument :
BNA_F
ClientSampleId :
RVE-26

Tgt Ion:136 Resp: 698725

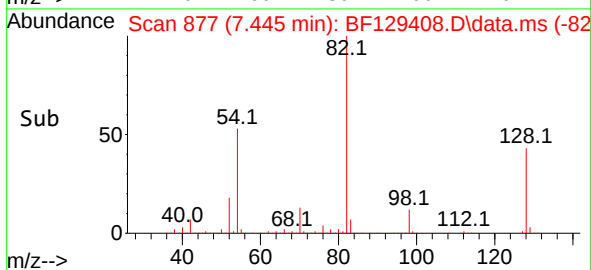
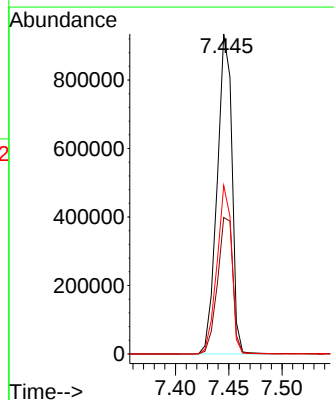
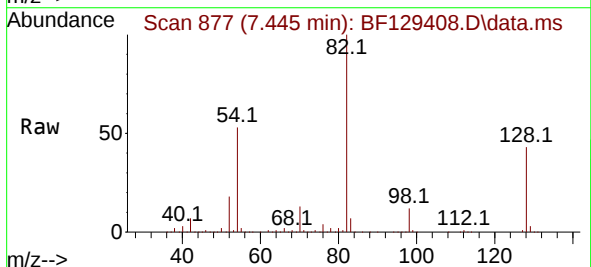
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.9	7.5	11.3
68	6.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.673 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

Tgt Ion: 82 Resp: 904605

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	52.7	46.9	70.3

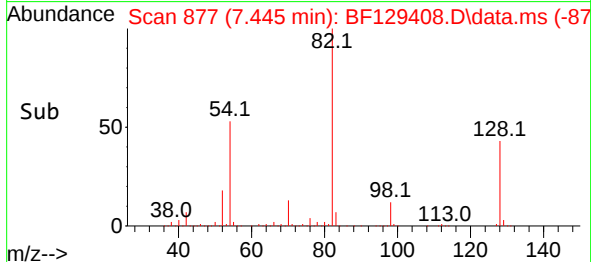
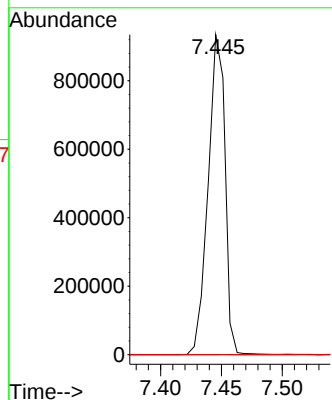
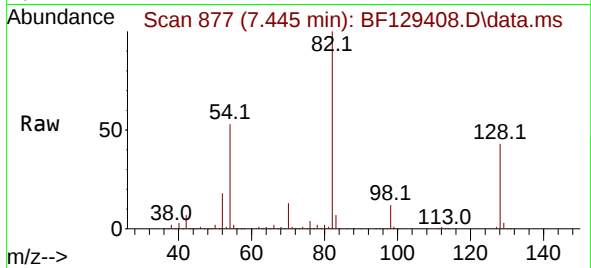




#25
Isophorone
Concen: 39.388 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

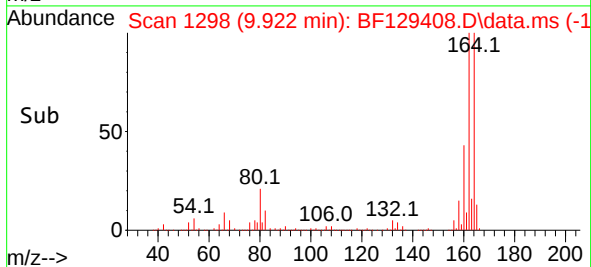
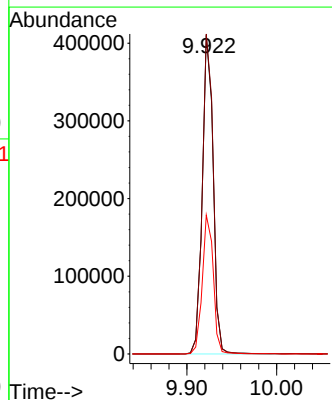
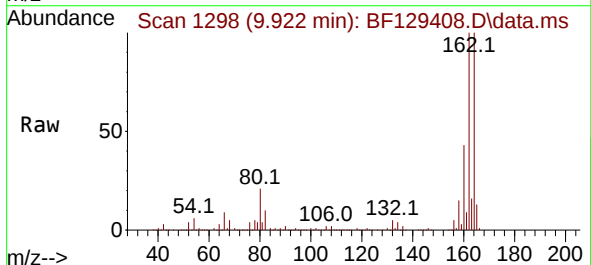
Instrument :
BNA_F
ClientSampleId :
RVE-26

Tgt Ion: 82 Resp: 903709
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: BF129408.D
Acq: 28 Jul 2022 14:41

Tgt Ion: 164 Resp: 344640
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.102 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129408.D

Acq: 28 Jul 2022 14:41

Instrument :

BNA_F

ClientSampleId :

RVE-26

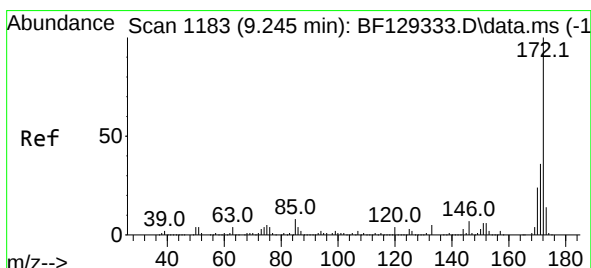
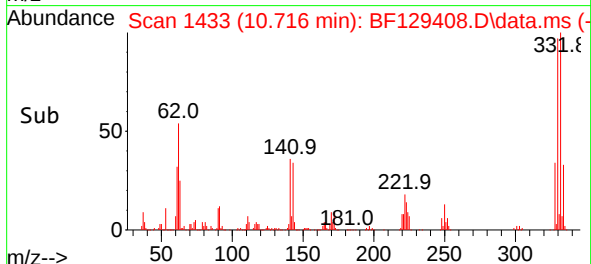
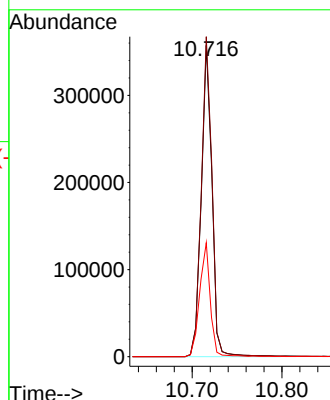
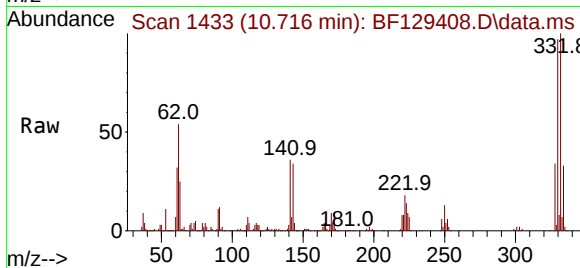
Tgt Ion:330 Resp: 295237

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 36.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.403 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129408.D

Acq: 28 Jul 2022 14:41

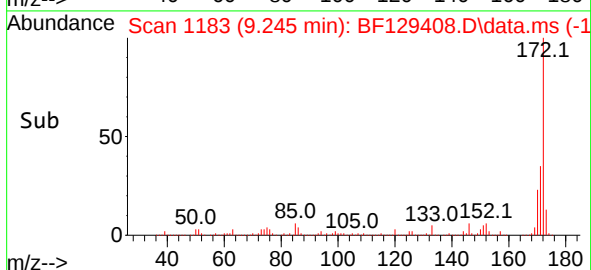
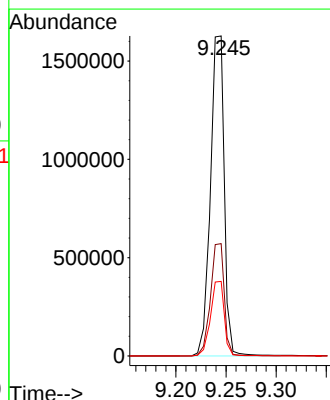
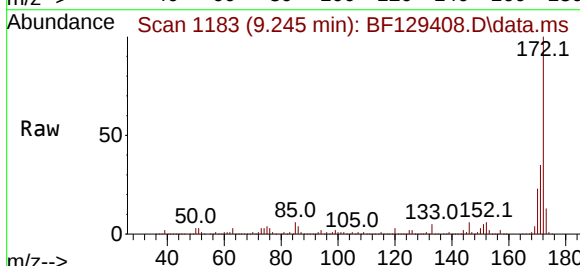
Tgt Ion:172 Resp: 1568488

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8

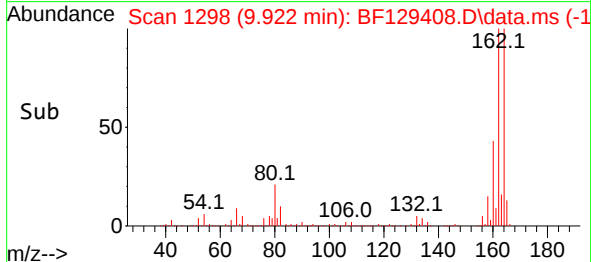
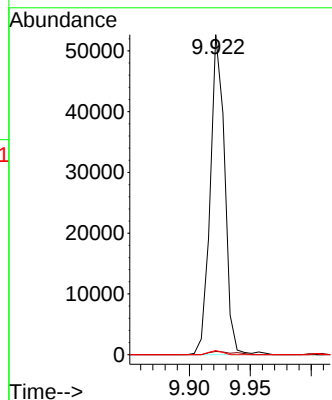
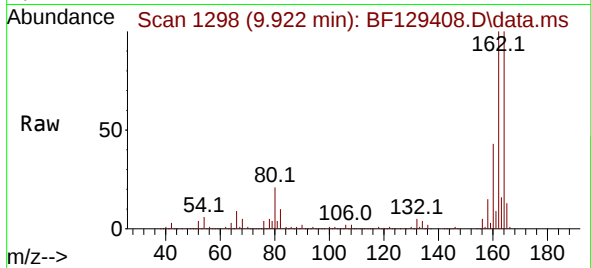




#51
2,6-Dinitrotoluene
Concen: 8.142 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

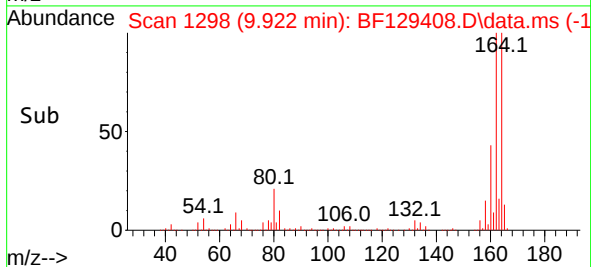
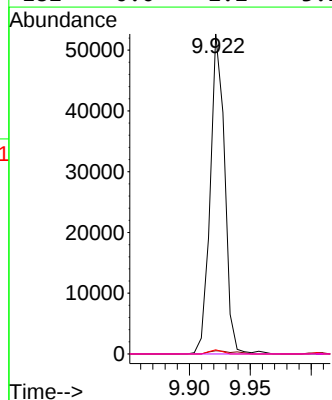
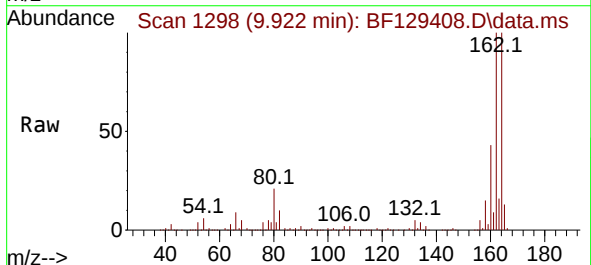
Instrument :
BNA_F
ClientSampleId :
RVE-26

Tgt Ion:165 Resp: 43356
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: 6.233 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

Tgt Ion:165 Resp: 43356
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#

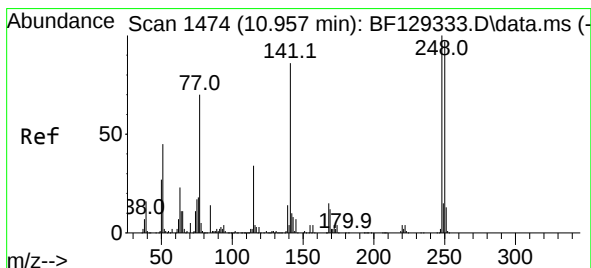
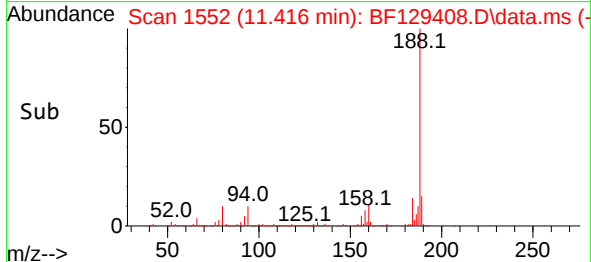
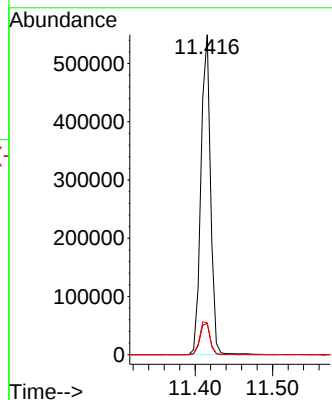
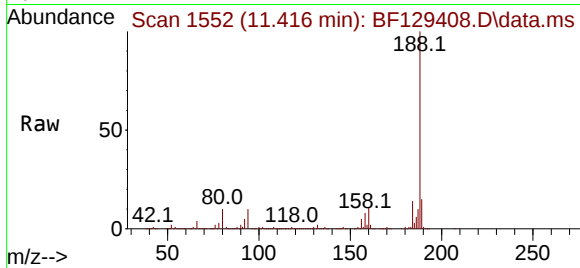




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

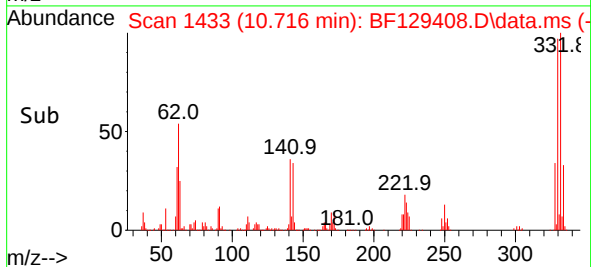
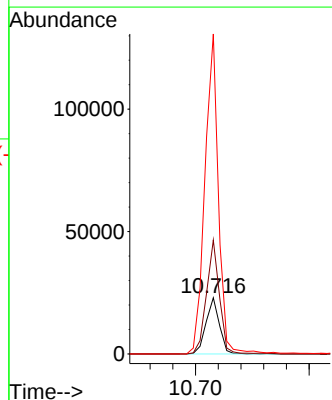
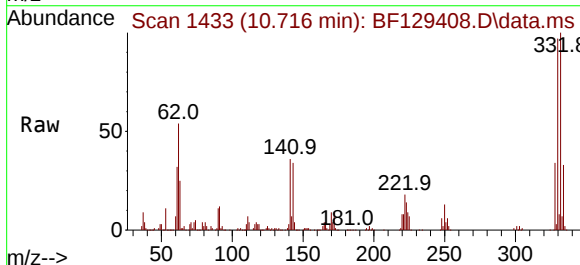
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ClientSampleId :
RVE-26

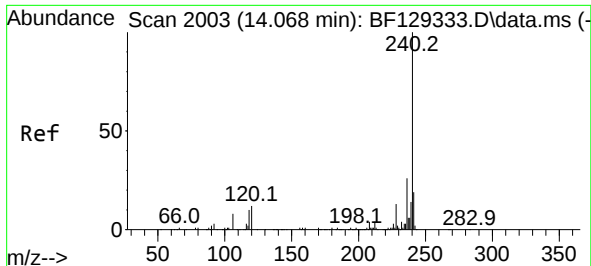
Tgt Ion:188 Resp: 472703
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.633 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

Tgt Ion:248 Resp: 18805
Ion Ratio Lower Upper
248 100
250 203.0 80.6 120.8#
141 570.3 58.9 88.3#

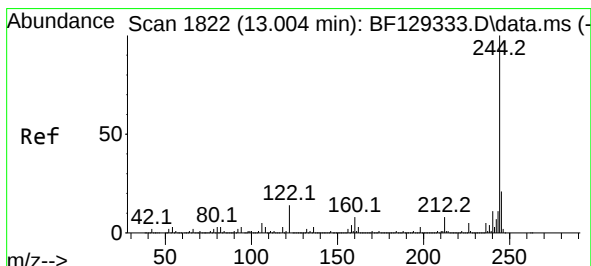
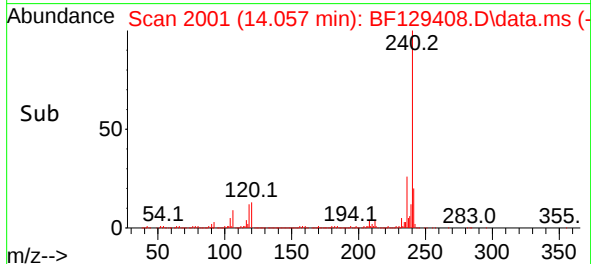
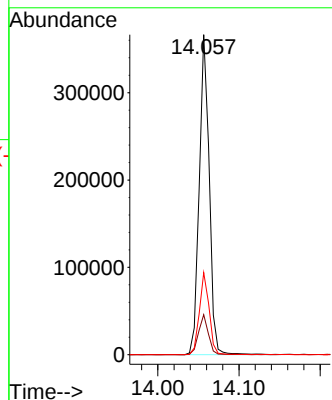
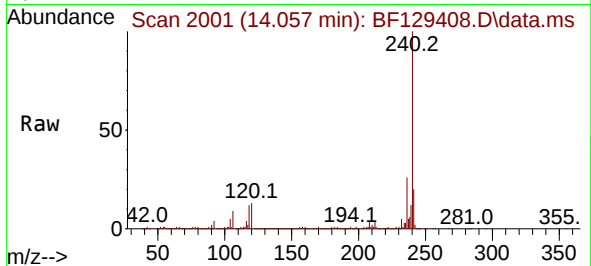




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

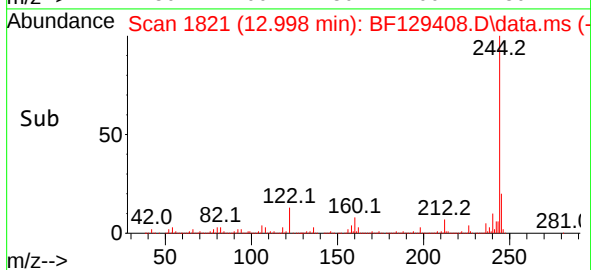
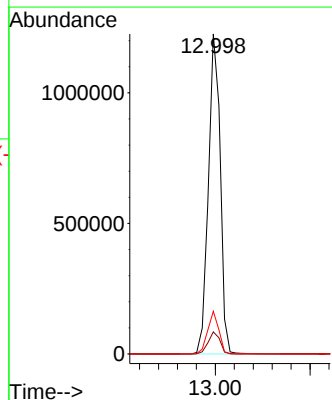
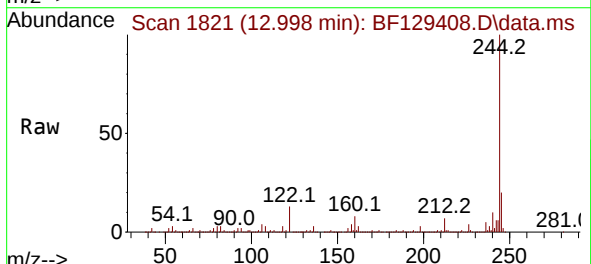
Instrument :
BNA_F
ClientSampleId :
RVE-26

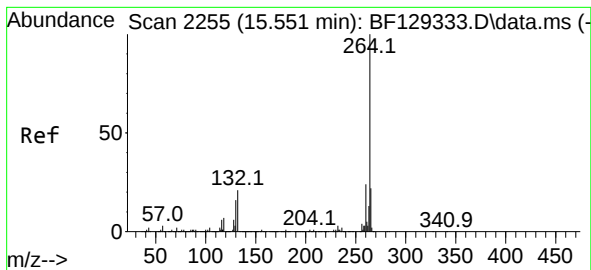
Tgt Ion:240 Resp: 314112
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 63.726 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129408.D
Acq: 28 Jul 2022 14:41

Tgt Ion:244 Resp: 1061022
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 13.3 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: BF129408.D

Acq: 28 Jul 2022 14:41

Instrument :

BNA_F

ClientSampleId :

RVE-26

Tgt Ion:264 Resp: 395421

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.8 17.2 25.8

