

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129415.D
 Acq On : 28 Jul 2022 18:38
 Operator : CG\JU
 Sample : N3895-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-56

Quant Time: Jul 29 02:08:54 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)

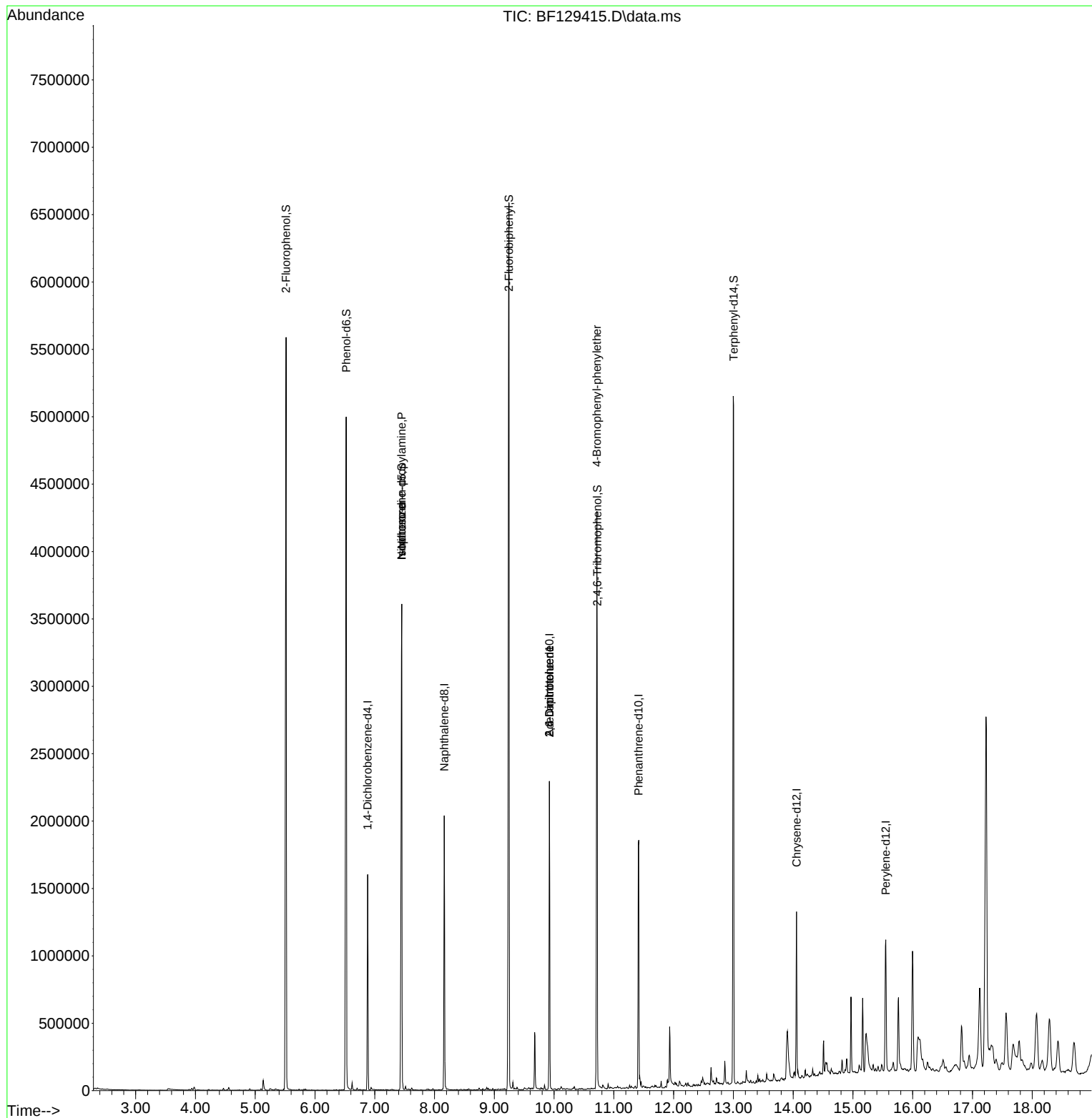
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	212412	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	845411	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	438742	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	684249	20.000	ng	0.00
76) Chrysene-d12	14.057	240	384809	20.000	ng	-0.01
86) Perylene-d12	15.551	264	413700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1554696	119.230	ng	0.02
7) Phenol-d6	6.522	99	1998214	121.918	ng	0.00
23) Nitrobenzene-d5	7.451	82	1289085	83.237	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	512866	121.585	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2229957	78.625	ng	0.00
79) Terphenyl-d14	13.004	244	1881948	92.265	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	174336	17.570	ng	# 72
25) Isophorone	7.451	82	1287921	46.394	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	57232	8.443	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	57232	6.463	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	32358	4.319	ng	# 1

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

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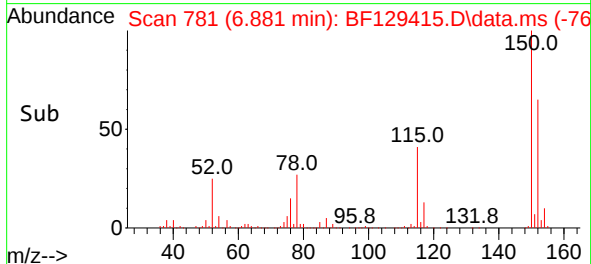
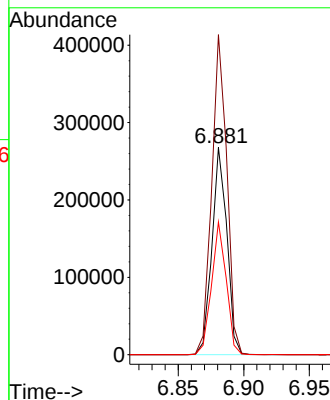
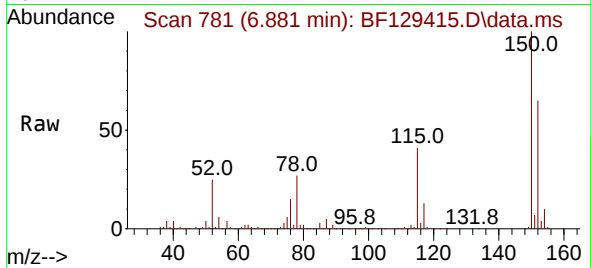




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 782
Delta R.T. -0.005 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

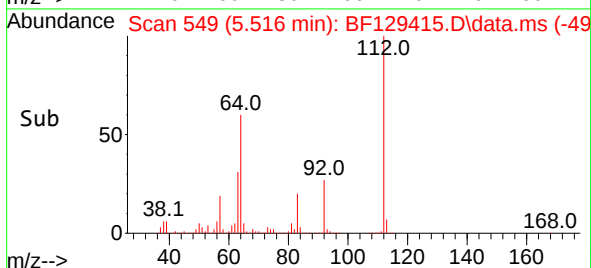
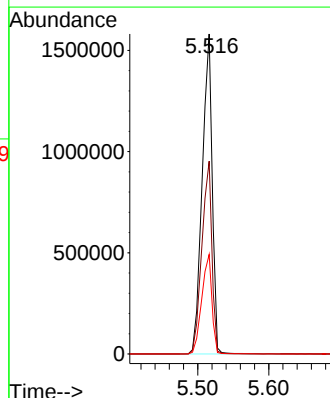
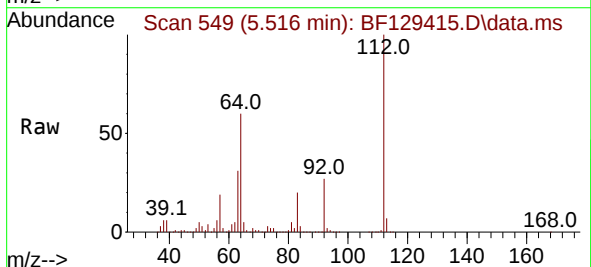
Instrument :
BNA_F
ClientSampleId :
RVE-56

Tgt Ion:152 Resp: 212412
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 119.230 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion:112 Resp: 1554696
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 31.1 28.0 42.0

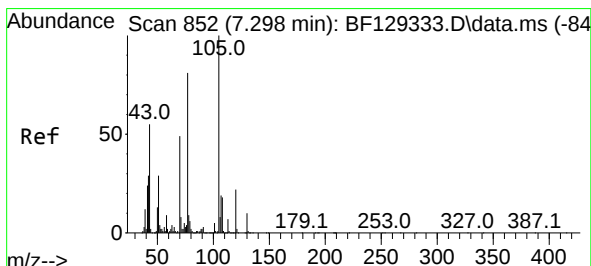
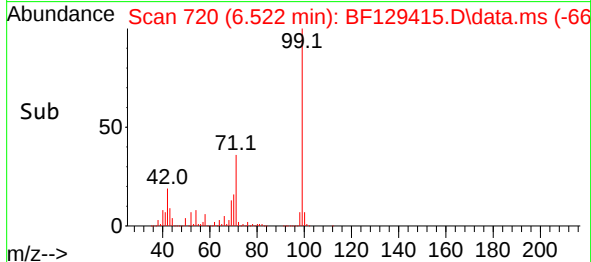
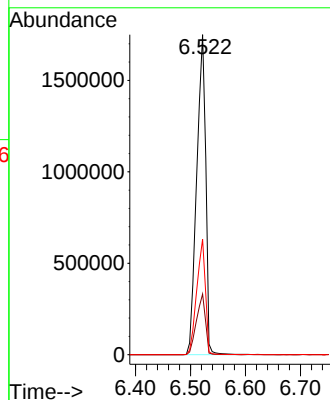
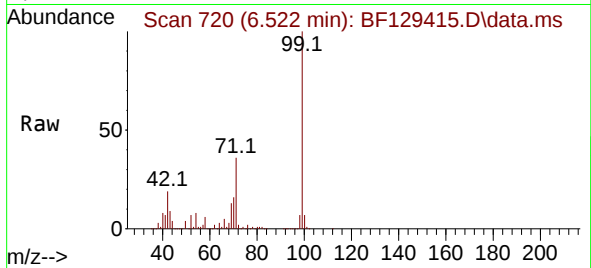




#7
Phenol-d6
Concen: 121.918 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

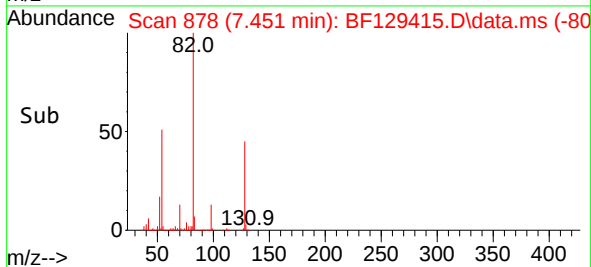
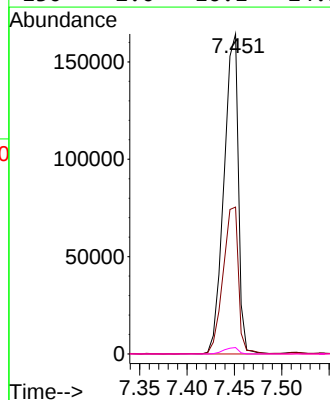
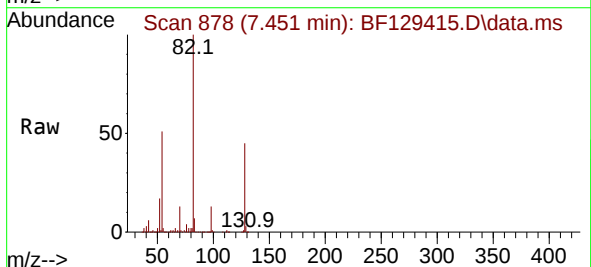
Instrument :
BNA_F
ClientSampleId :
RVE-56

Tgt Ion: 99 Resp: 1998214
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.570 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion: 70 Resp: 174336
Ion Ratio Lower Upper
70 100
42 45.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

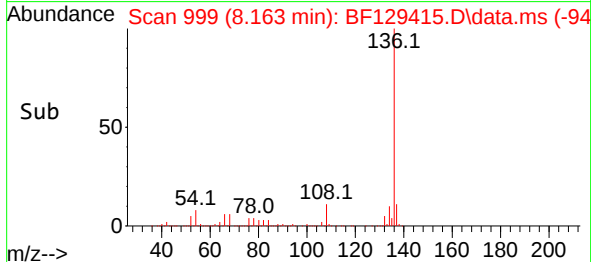
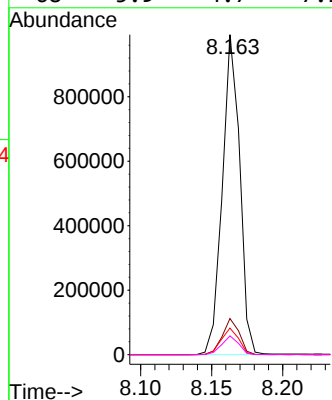
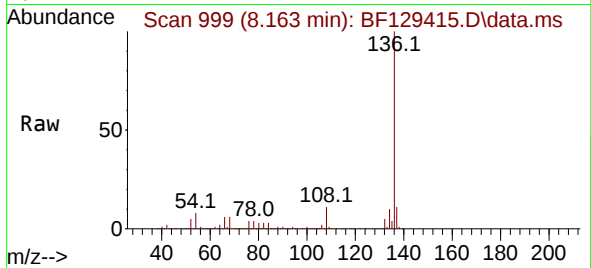




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

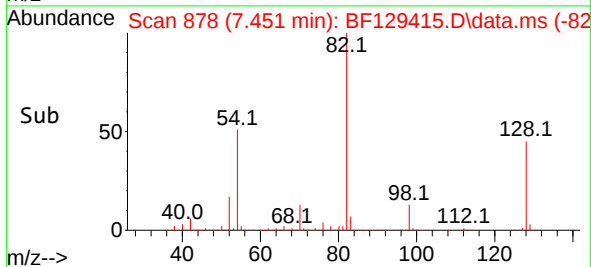
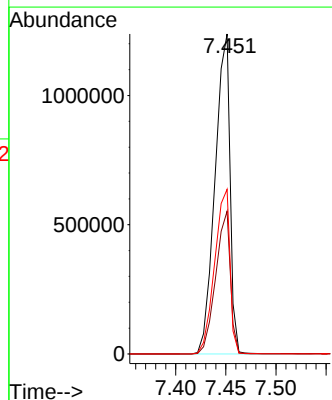
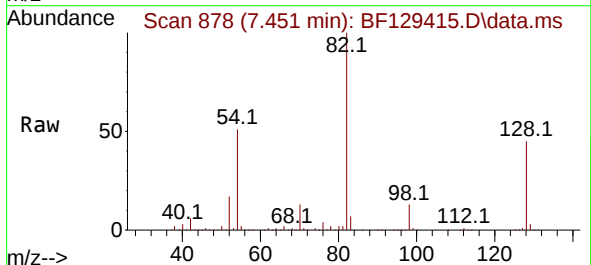
Instrument :
BNA_F
ClientSampleId :
RVE-56

Tgt Ion:136 Resp: 845411
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.237 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion: 82 Resp: 1289085
Ion Ratio Lower Upper
82 100
128 44.6 34.0 51.0
54 51.4 46.9 70.3

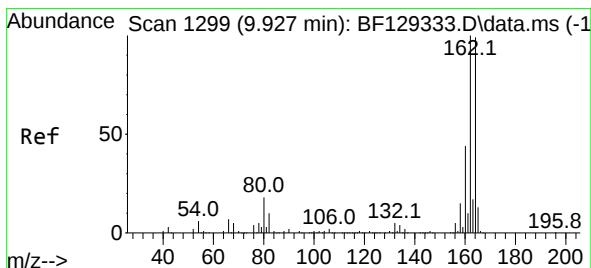
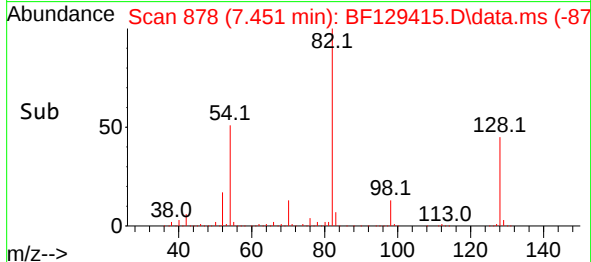
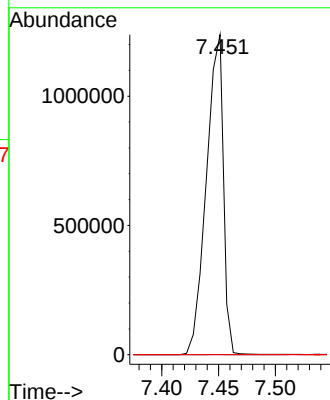
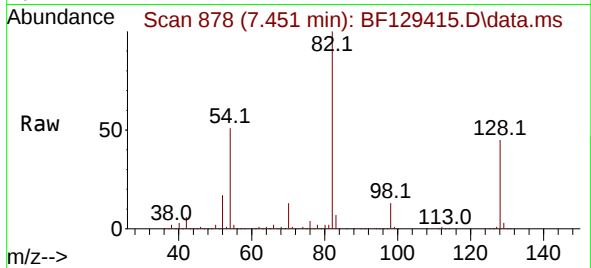




#25
Isophorone
Concen: 46.394 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

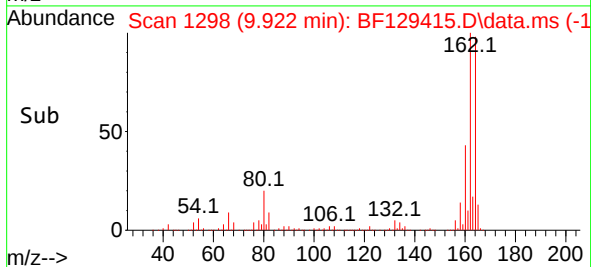
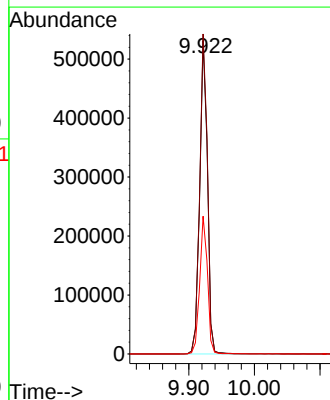
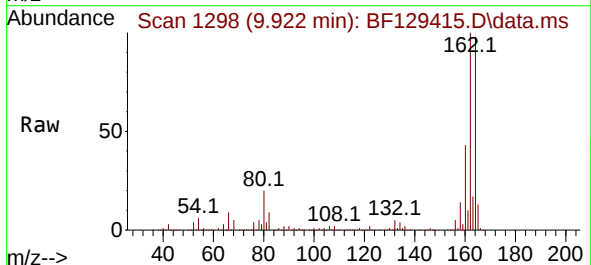
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ClientSampleId :
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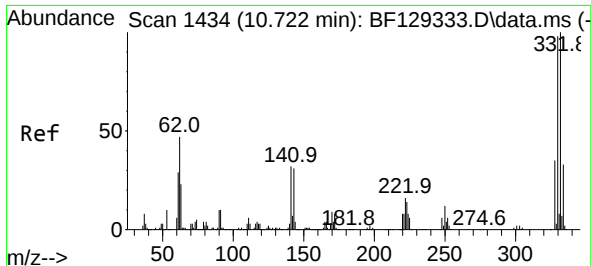
Tgt Ion: 82 Resp: 1287921
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion:164 Resp: 438742
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 43.9 34.2 51.4

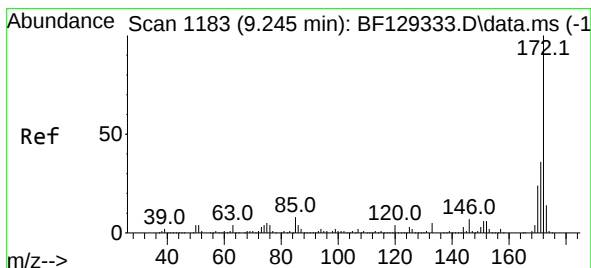
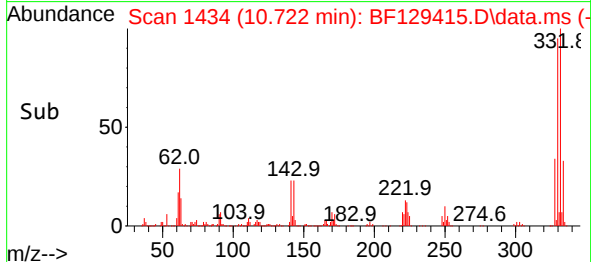
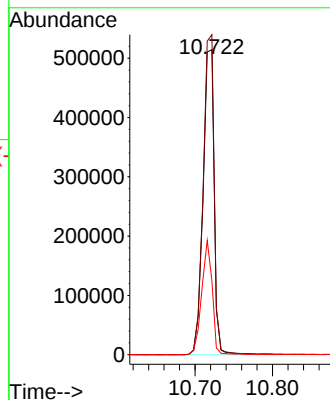
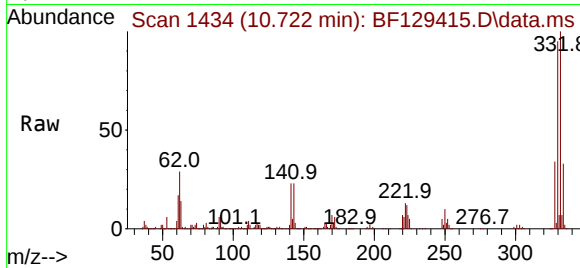




#42
2,4,6-Tribromophenol
Concen: 121.585 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

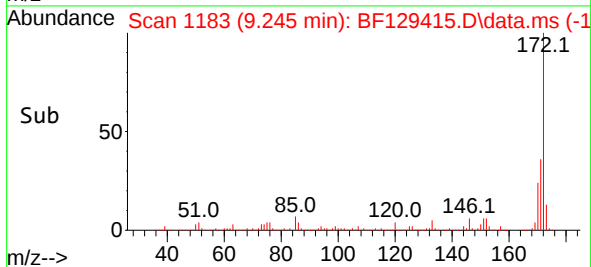
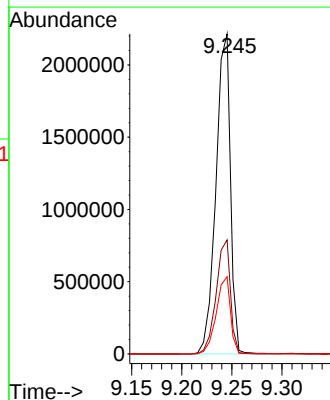
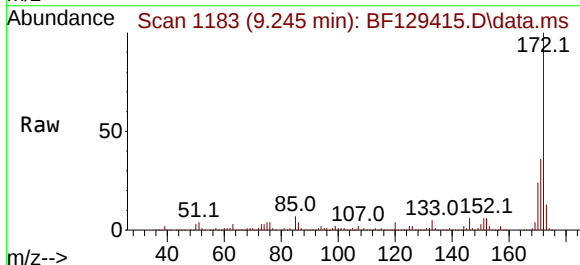
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RVE-56

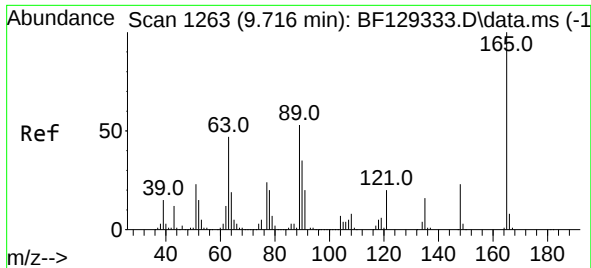
Tgt Ion: 330 Resp: 512866
Ion Ratio Lower Upper
330 100
332 104.1 76.8 115.2
141 35.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.625 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion: 172 Resp: 2229957
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.443 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129415.D

Acq: 28 Jul 2022 18:38

Instrument :

BNA_F

ClientSampleId :

RVE-56

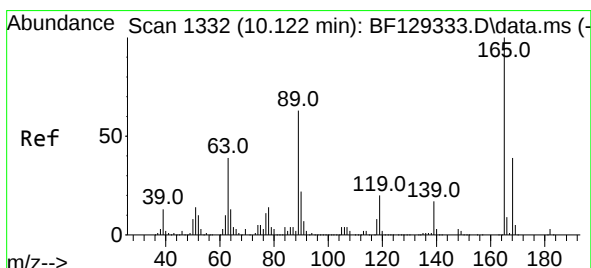
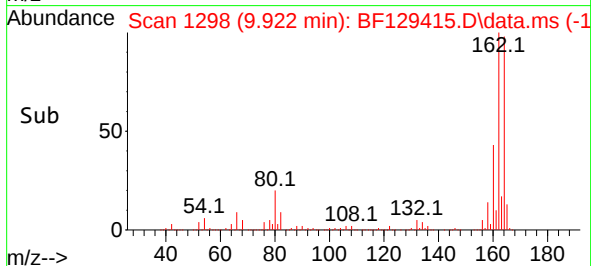
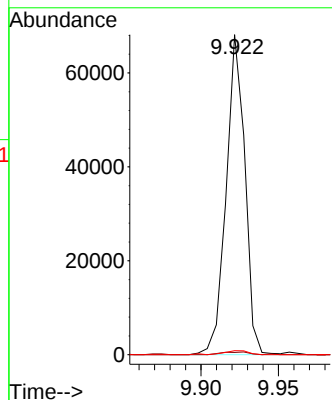
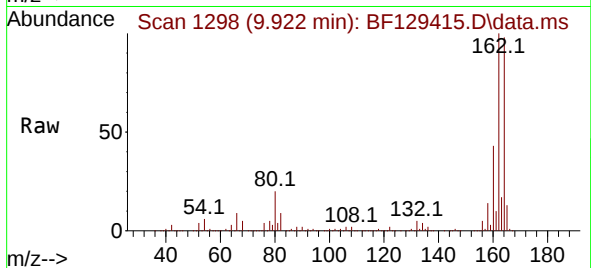
Tgt Ion:165 Resp: 57232

Ion Ratio Lower Upper

165 100

63 0.7 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.463 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129415.D

Acq: 28 Jul 2022 18:38

Tgt Ion:165 Resp: 57232

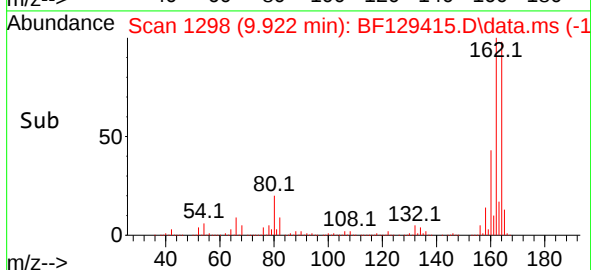
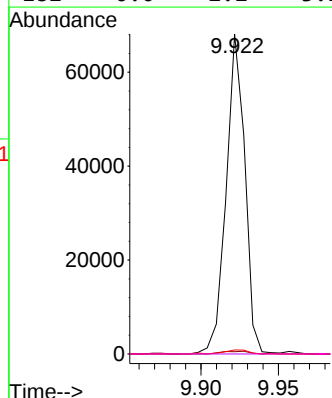
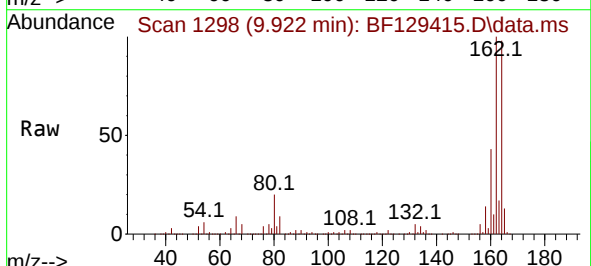
Ion Ratio Lower Upper

165 100

63 0.7 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

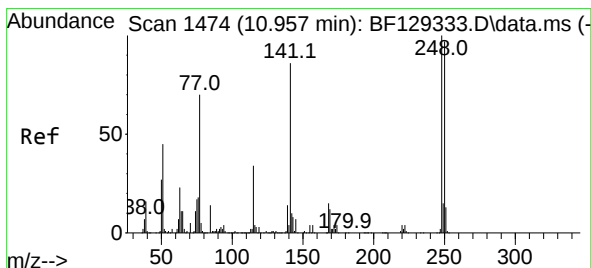
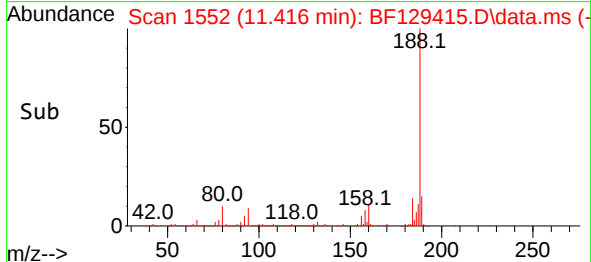
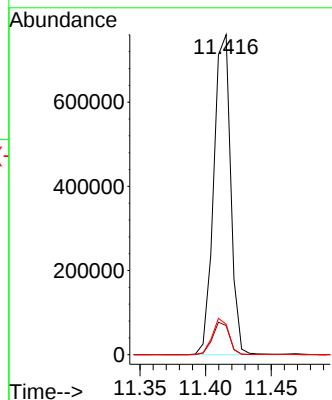
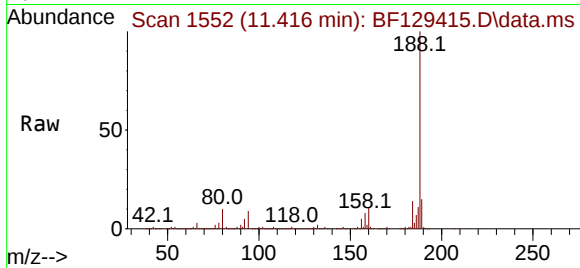




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

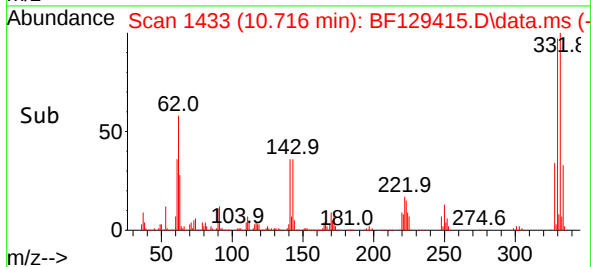
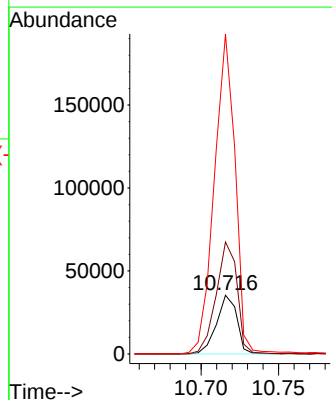
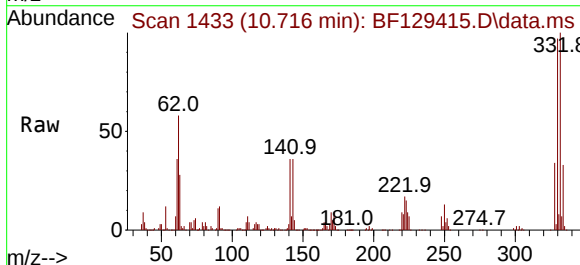
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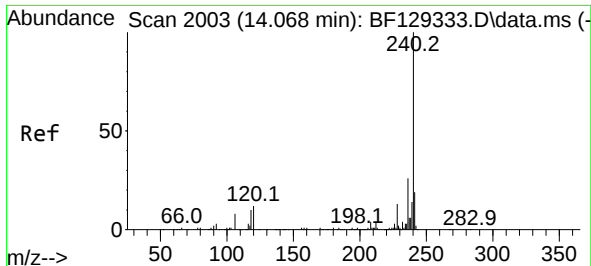
Tgt Ion:188 Resp: 684249
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.319 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion:248 Resp: 32358
Ion Ratio Lower Upper
248 100
250 190.8 80.6 120.8#
141 545.5 58.9 88.3#

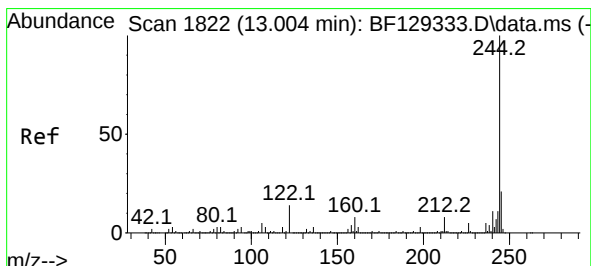
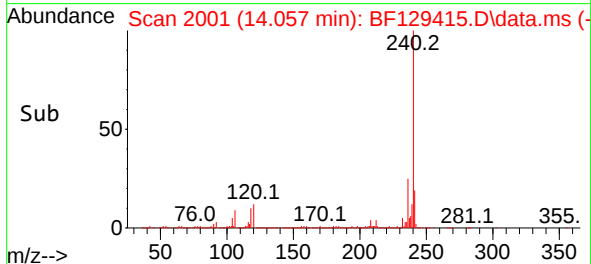
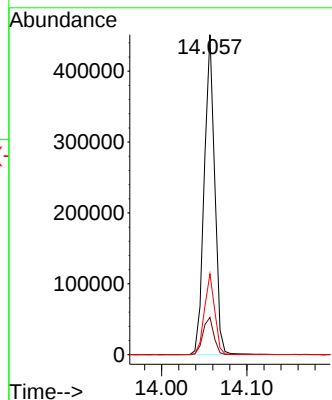
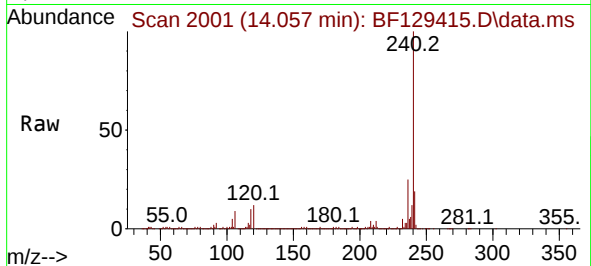




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

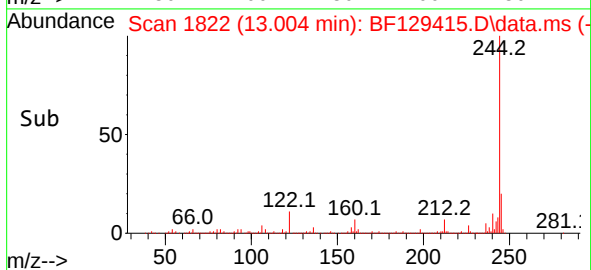
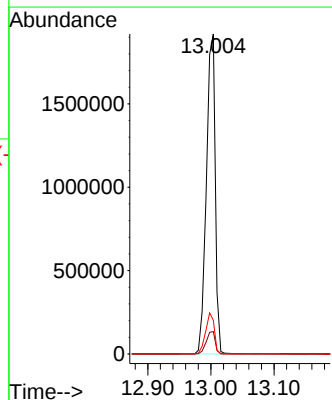
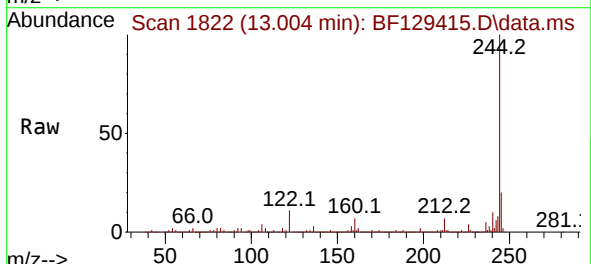
Instrument :
BNA_F
ClientSampleId :
RVE-56

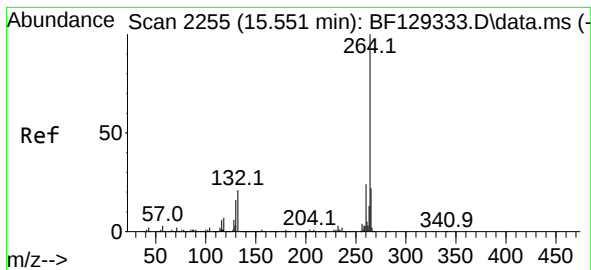
Tgt Ion:240 Resp: 384809
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 92.265 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129415.D
Acq: 28 Jul 2022 18:38

Tgt Ion:244 Resp: 1881948
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.5 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: BF129415.D
 Acq: 28 Jul 2022 18:38

Instrument :
 BNA_F
 ClientSampleId :
 RVE-56

Tgt Ion:264 Resp: 413700
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.8 17.2 25.8

