

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129352.D
 Acq On : 26 Jul 2022 13:22
 Operator : CG\JU
 Sample : N3840-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-DUPLICATE-02

Quant Time: Jul 27 00:39:16 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)

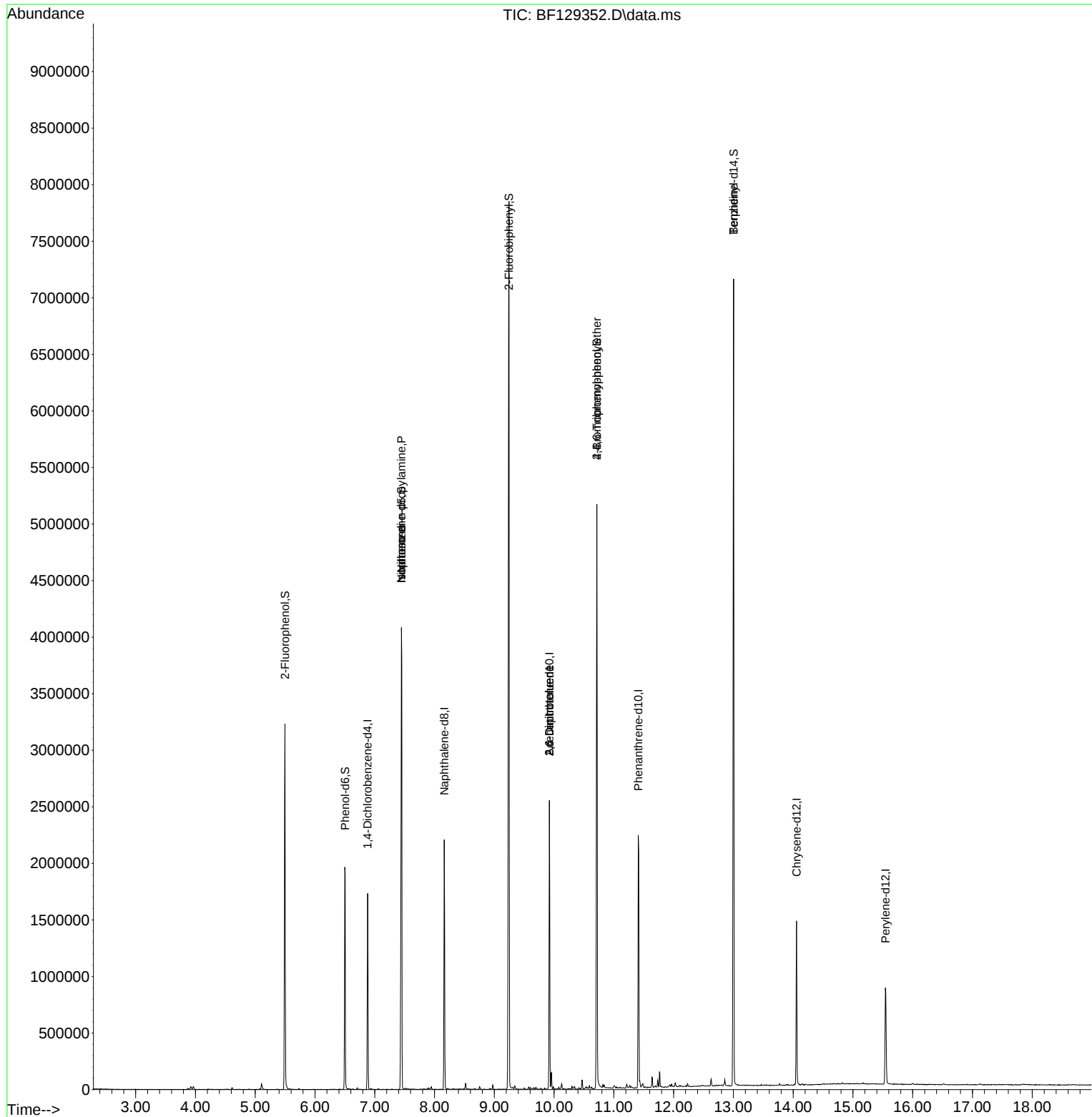
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	226237	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	916685	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	488940	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	820595	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	453667	20.000	ng	-0.01
86) Perylene-d12	15.545	264	383625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	853135	61.429	ng	0.00
7) Phenol-d6	6.504	99	658279	37.710	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1479210	88.087	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	622936	132.517	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2499819	79.091	ng	0.00
79) Terphenyl-d14	13.004	244	2390410	99.406	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	195572	18.506	ng	# 76
25) Isophorone	7.445	82	1477785	49.094	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	64239	8.503	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	64239	6.509	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	39767	4.426	ng	# 1
77) Benzidine	13.004	184	34009	2.122	ng	# 93

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

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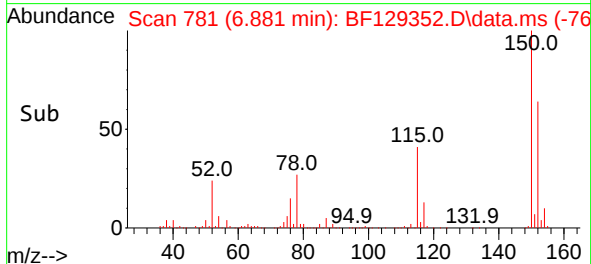
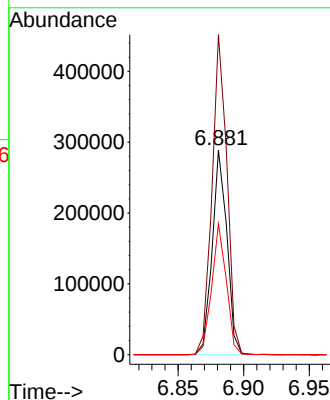
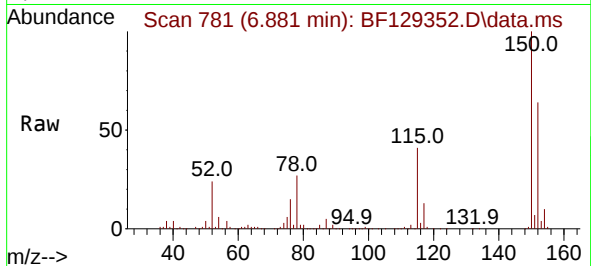




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.005 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

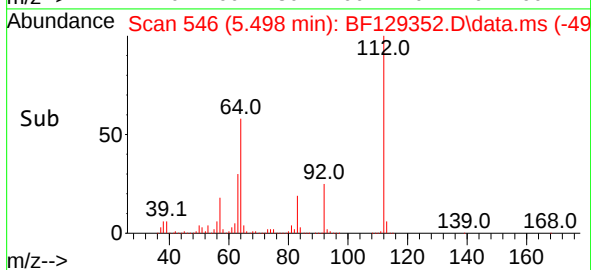
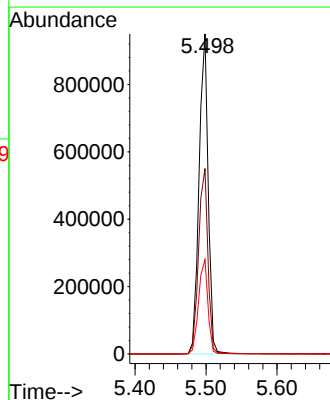
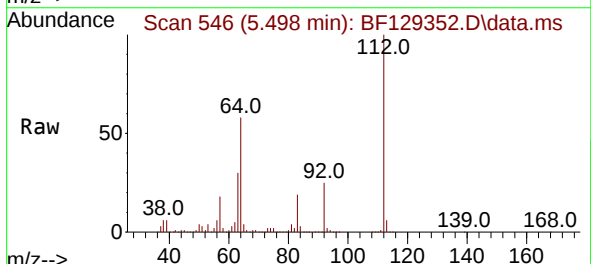
Instrument :
BNA_F
ClientSampleId :
FIELD-DUPLICATE-02

Tgt Ion:152 Resp: 226237
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 61.429 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion:112 Resp: 853135
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 29.5 28.0 42.0

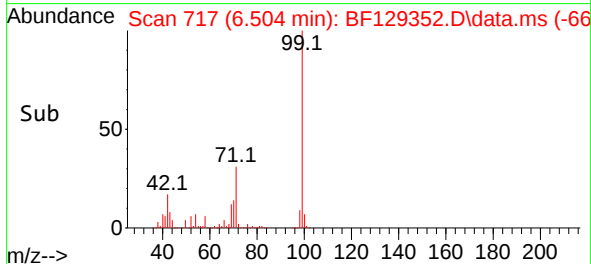
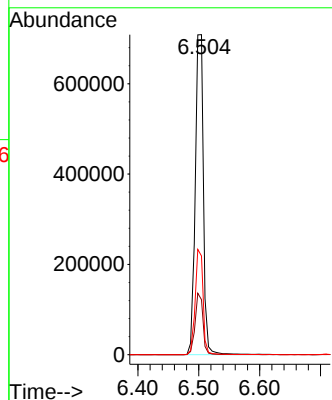
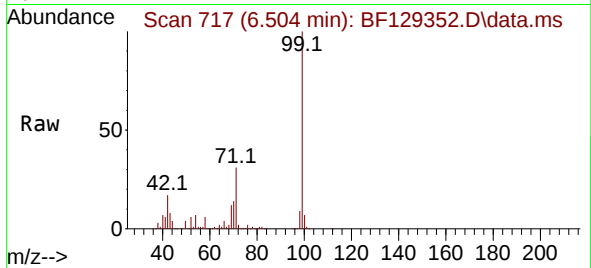




#7
Phenol-d6
Concen: 37.710 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

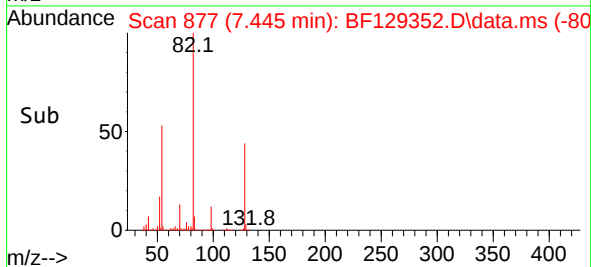
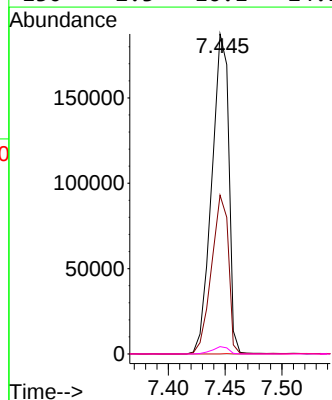
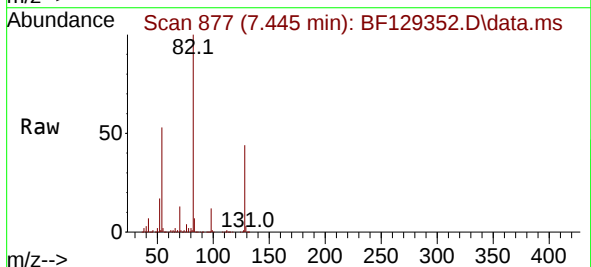
Instrument :
BNA_F
ClientSampleId :
FIELD-DUPLICATE-02

Tgt Ion: 99 Resp: 658279
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 30.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.506 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion: 70 Resp: 195572
Ion Ratio Lower Upper
70 100
42 49.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



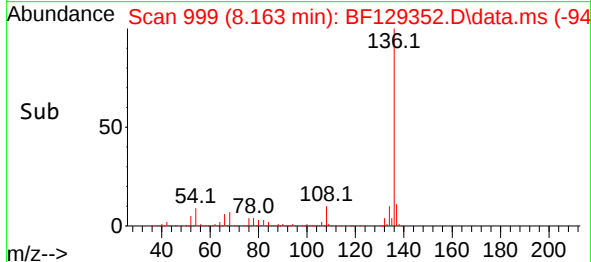
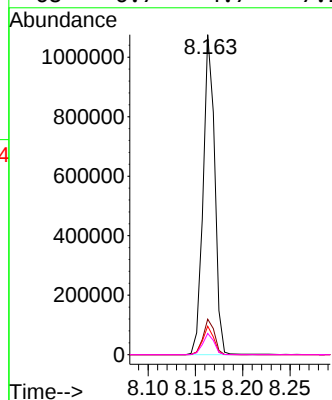
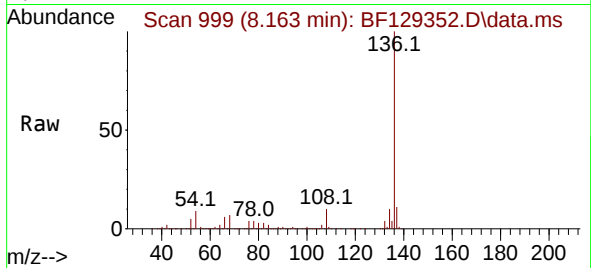


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Instrument :
BNA_F
ClientSampleId :
FIELD-DUPLICATE-02

Tgt Ion:136 Resp: 916685

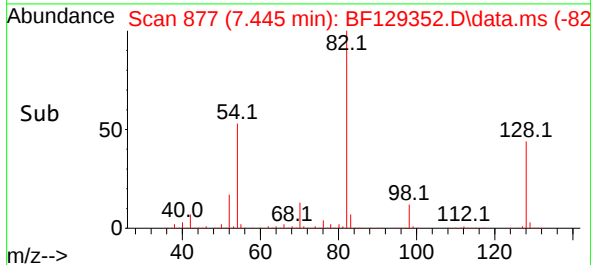
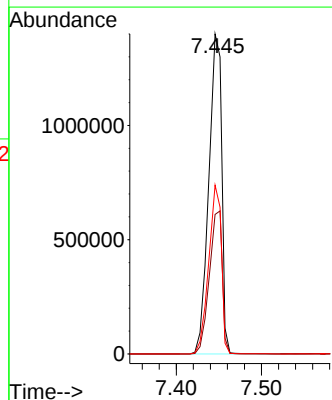
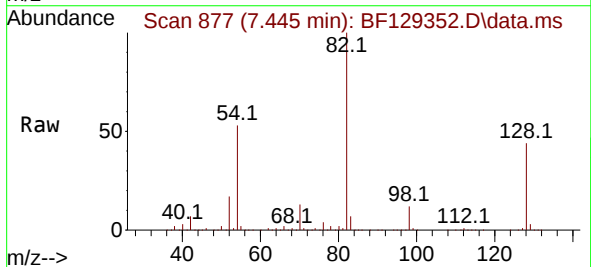
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	7.5	11.3
68	6.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 88.087 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion: 82 Resp: 1479210

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	52.8	46.9	70.3

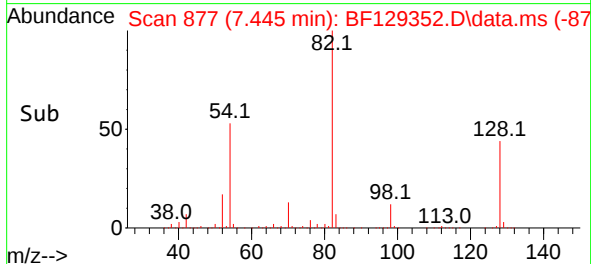
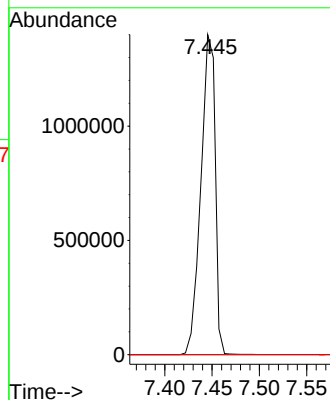
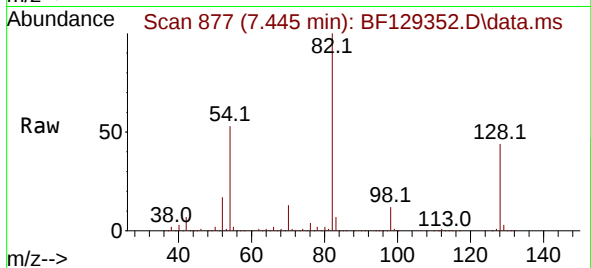




#25
Isophorone
Concen: 49.094 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

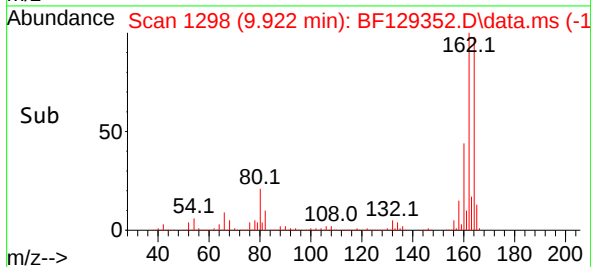
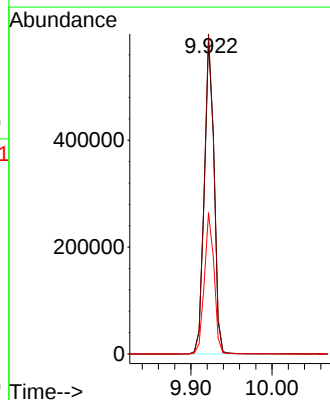
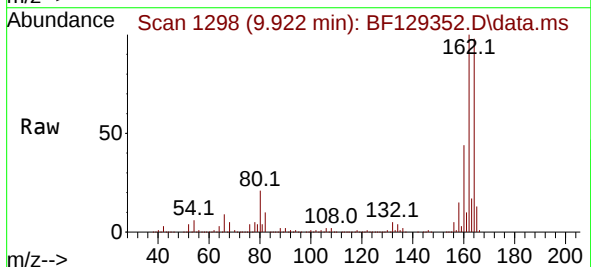
Instrument :
BNA_F
ClientSampleId :
FIELD-DUPLICATE-02

Tgt Ion: 82 Resp: 1477785
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: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion:164 Resp: 488940
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 132.517 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129352.D

Acq: 26 Jul 2022 13:22

Instrument :

BNA_F

ClientSampleId :

FIELD-DUPLICATE-02

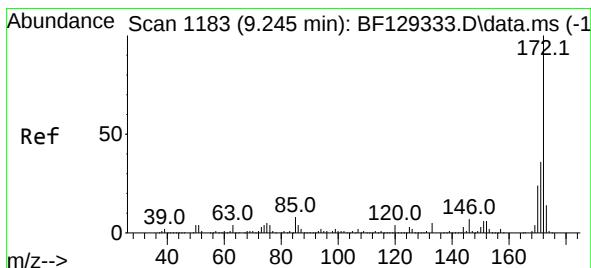
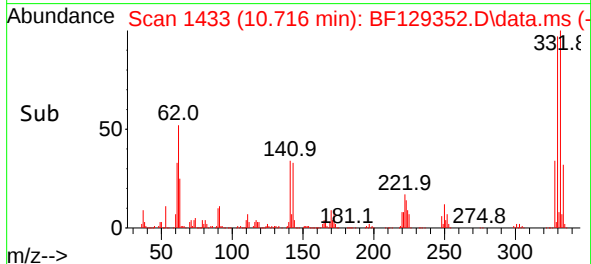
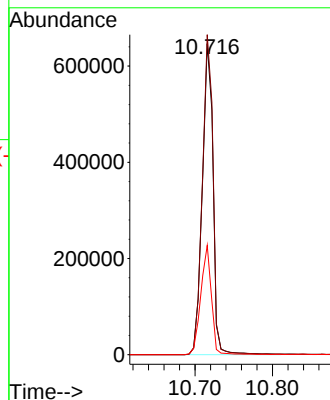
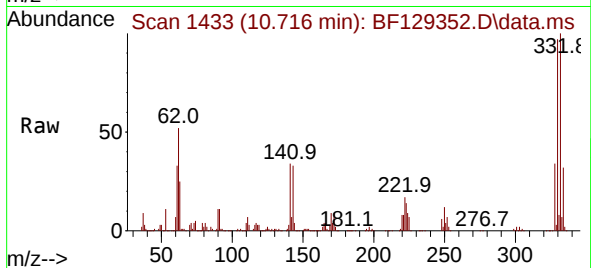
Tgt Ion:330 Resp: 622936

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.091 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129352.D

Acq: 26 Jul 2022 13:22

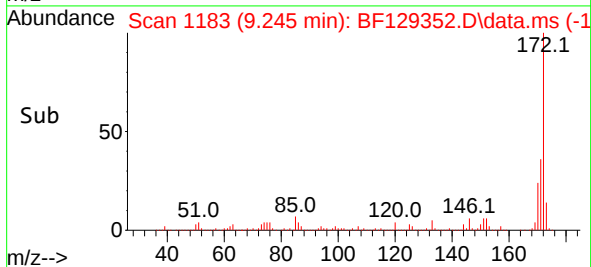
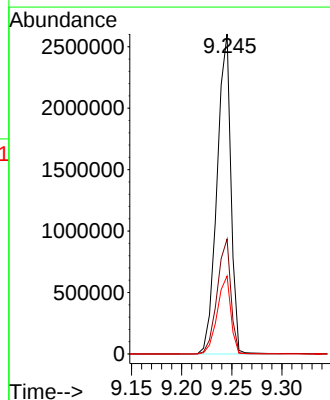
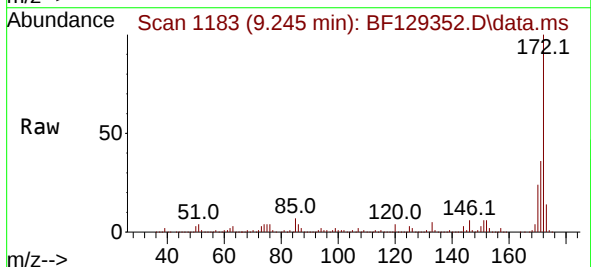
Tgt Ion:172 Resp: 2499819

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.4 19.8 29.8

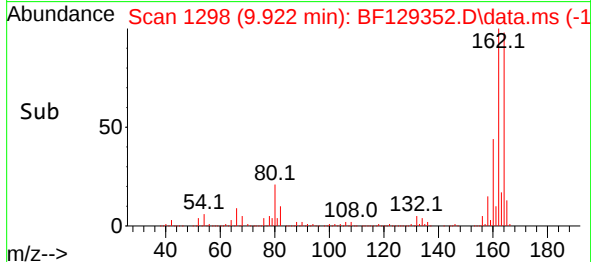
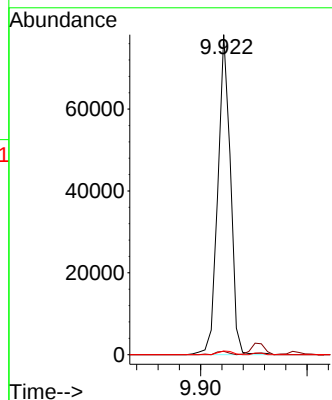
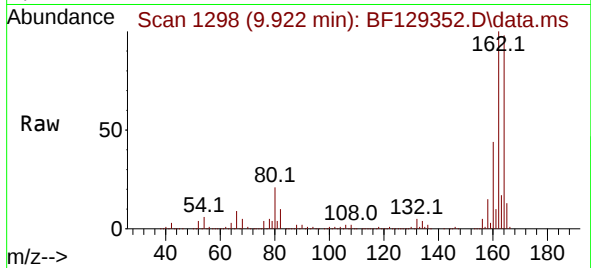




#51
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

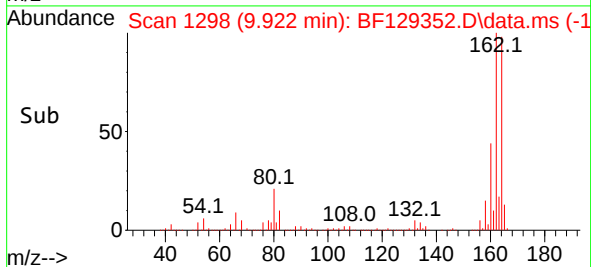
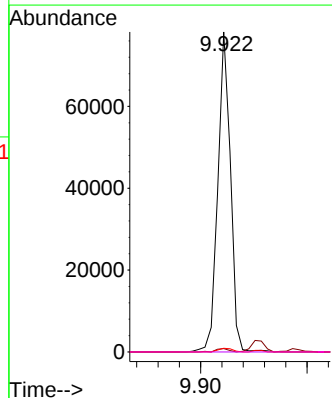
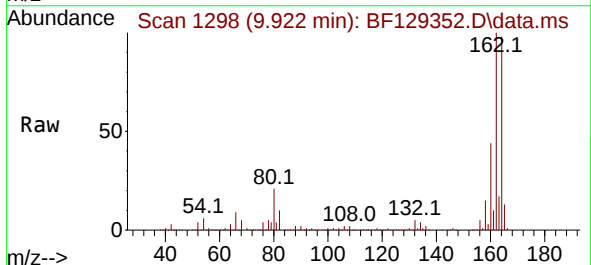
Instrument :
BNA_F
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FIELD-DUPLICATE-02

Tgt Ion:165 Resp: 64239
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.509 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion:165 Resp: 64239
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

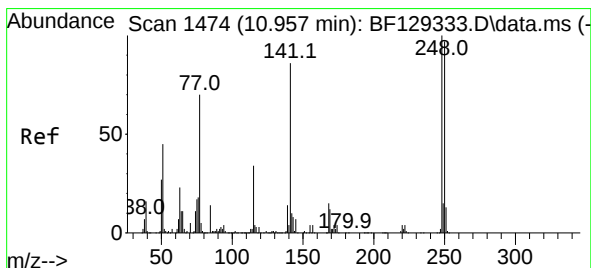
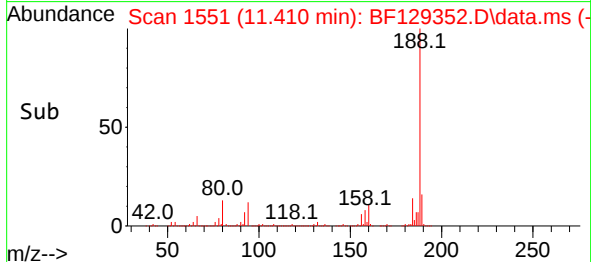
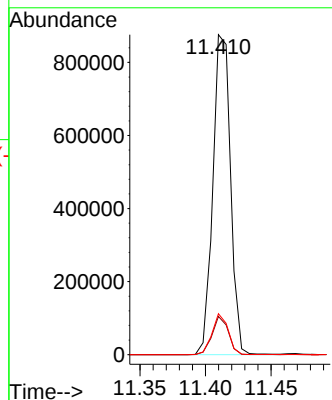
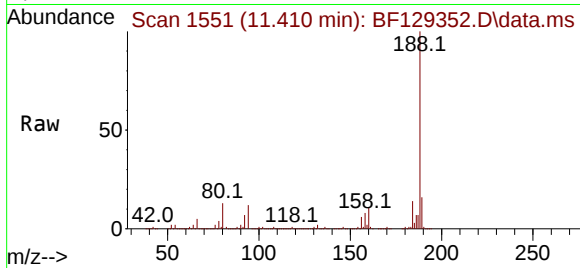




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

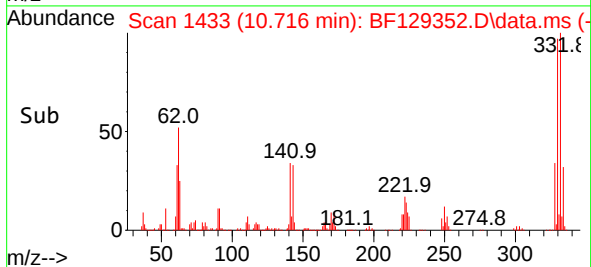
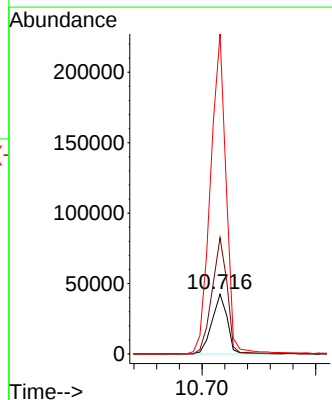
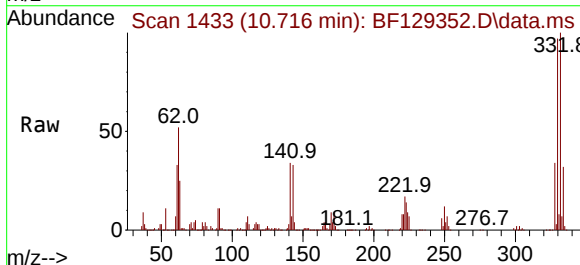
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FIELD-DUPLICATE-02

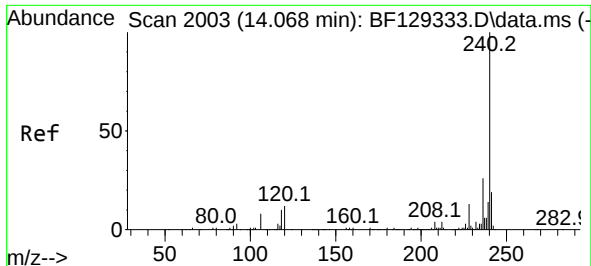
Tgt Ion:188 Resp: 820595
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.6#
80 12.8 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.426 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion:248 Resp: 39767
Ion Ratio Lower Upper
248 100
250 194.6 80.6 120.8#
141 535.6 58.9 88.3#

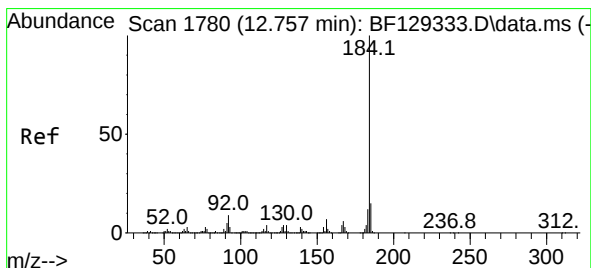
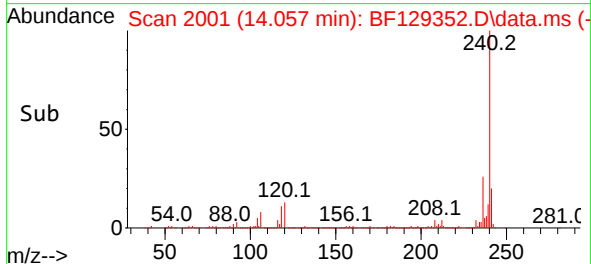
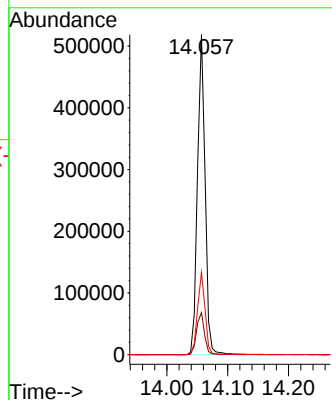
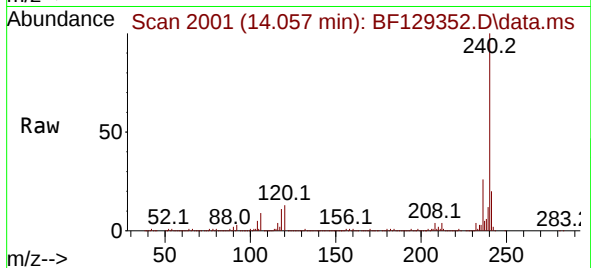




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

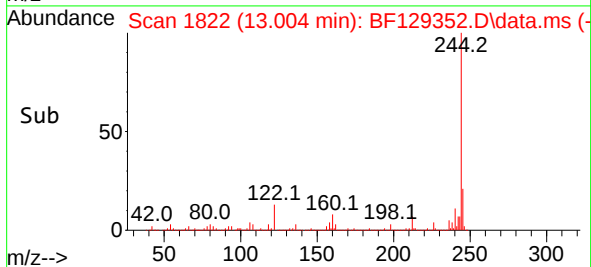
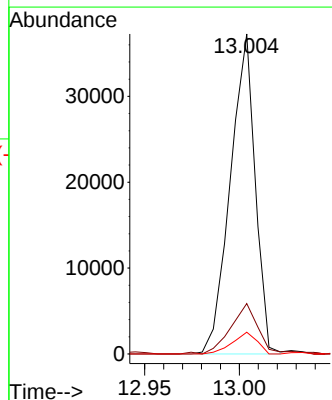
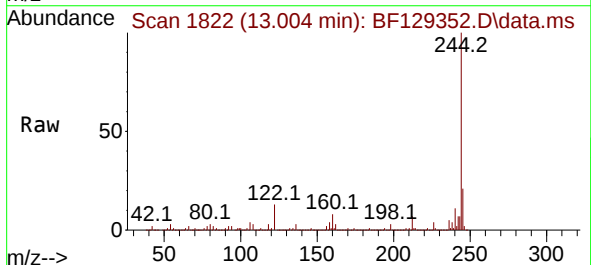
Instrument :
BNA_F
ClientSampleId :
FIELD-DUPLICATE-02

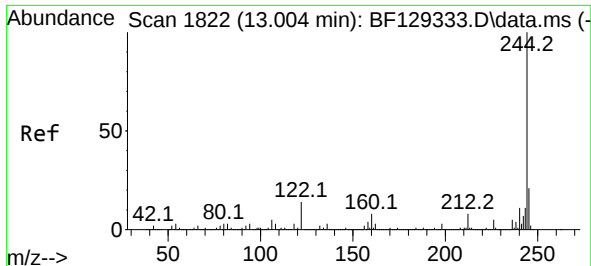
Tgt Ion:240 Resp: 453667
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.122 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129352.D
Acq: 26 Jul 2022 13:22

Tgt Ion:184 Resp: 34009
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 6.8 9.3 13.9#

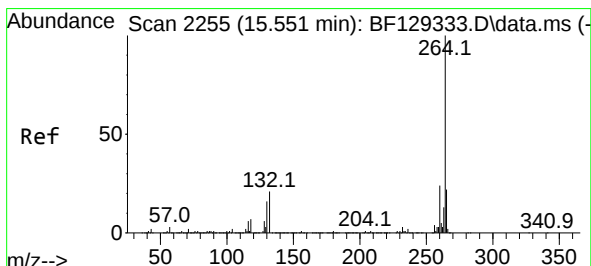
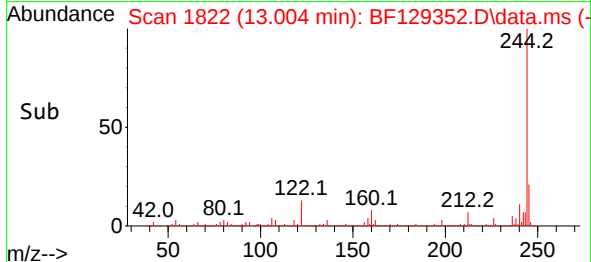
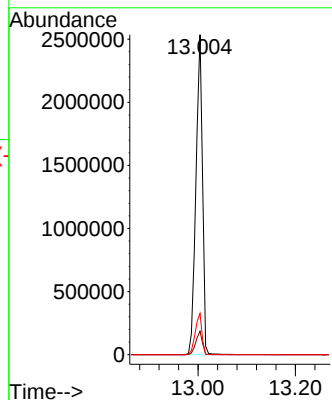
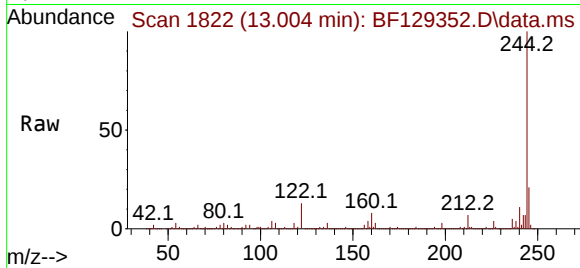




#79
 Terphenyl-d14
 Concen: 99.406 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129352.D
 Acq: 26 Jul 2022 13:22

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-DUPLICATE-02

Tgt Ion:244 Resp: 2390410
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF129352.D
 Acq: 26 Jul 2022 13:22

Tgt Ion:264 Resp: 383625
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.0 17.2 25.8

