

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130469.D
 Acq On : 29 Sep 2022 16:23
 Operator : CG\JU
 Sample : N4862-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2720

Quant Time: Sep 30 03:08:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

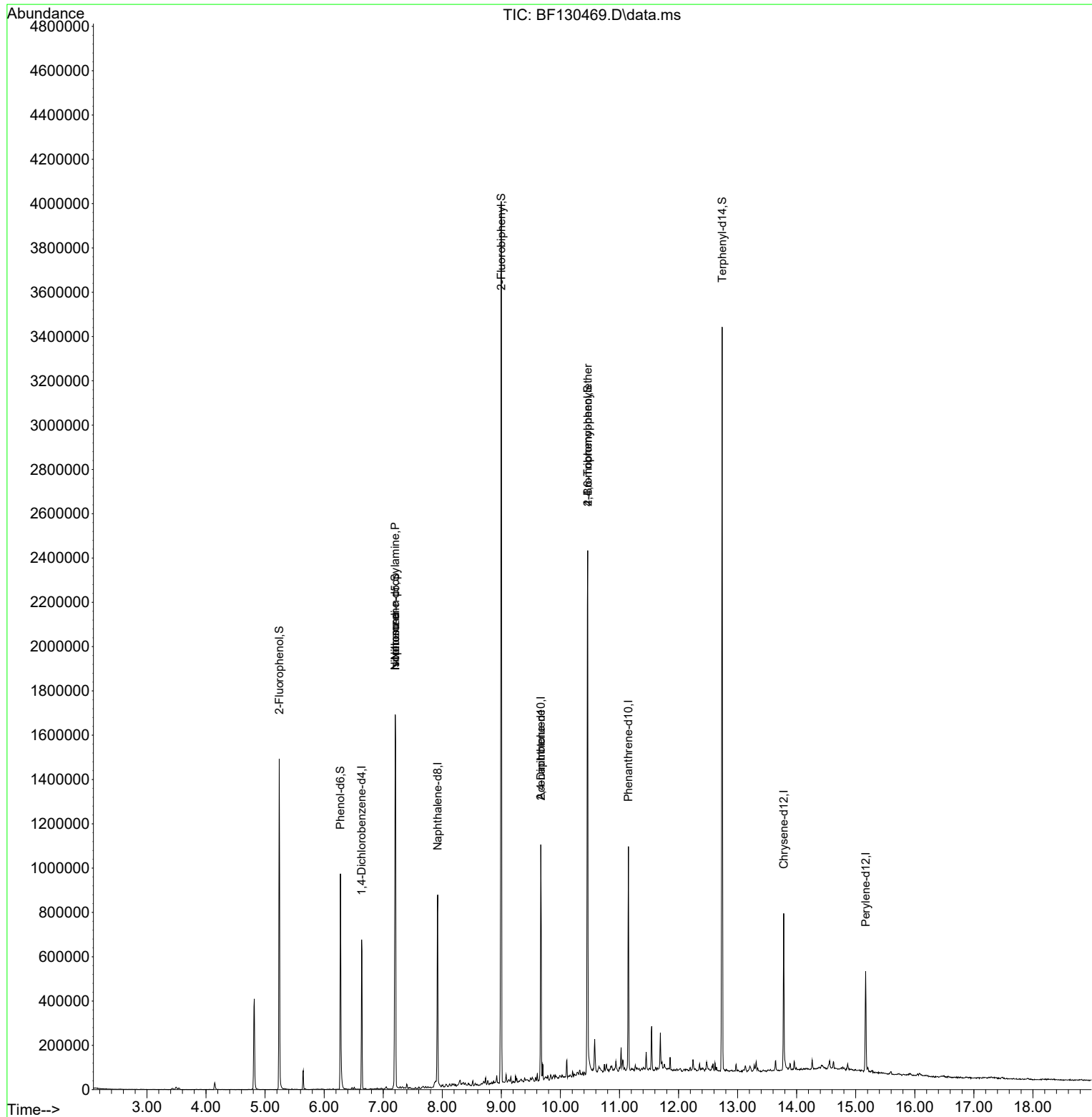
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	104310	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	399790	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	205966	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	338822	20.000	ng	0.00
76) Chrysene-d12	13.780	240	200174	20.000	ng	-0.01
86) Perylene-d12	15.168	264	179028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	400999	66.678	ng	0.00
7) Phenol-d6	6.275	99	313068	41.605	ng	-0.02
23) Nitrobenzene-d5	7.204	82	653733	83.539	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	326009	165.189	ng	0.00
45) 2-Fluorobiphenyl	8.998	172	1281998	90.638	ng	-0.01
79) Terphenyl-d14	12.739	244	1102539	91.238	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	89091	17.546	ng	# 73
25) Isophorone	7.204	82	647378	51.327	ng	# 66
57) 2,4-Dinitrotoluene	9.669	165	27031	7.108	ng	# 17
67) 4-Bromophenyl-phenylether	10.463	248	20429	5.466	ng	# 1

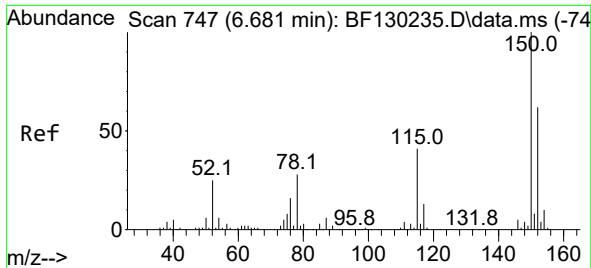
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
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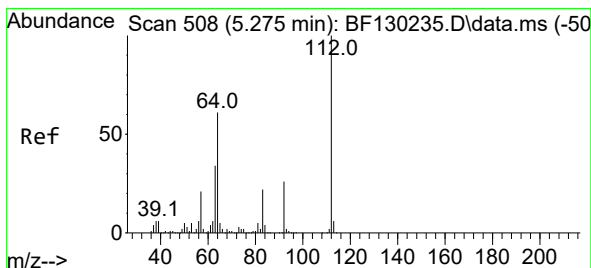
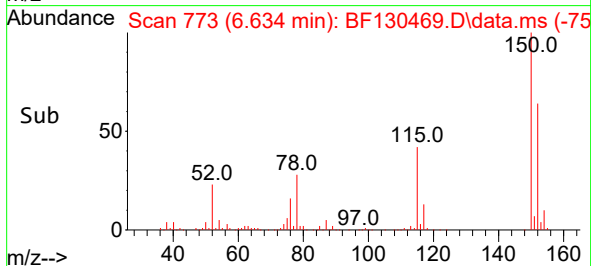
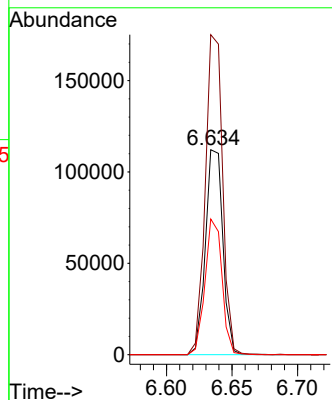
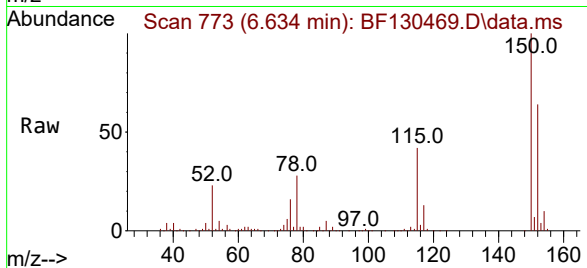




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

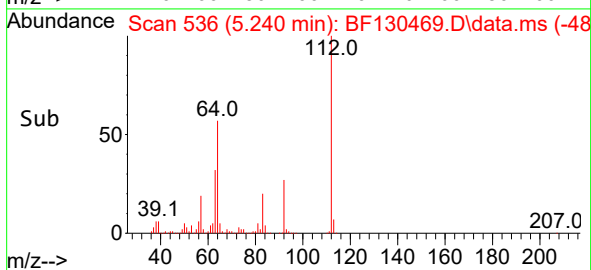
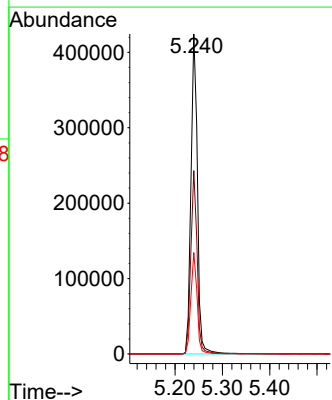
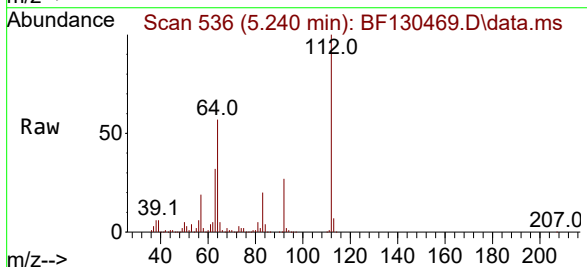
Instrument :
BNA_F
ClientSampleId :
A2720

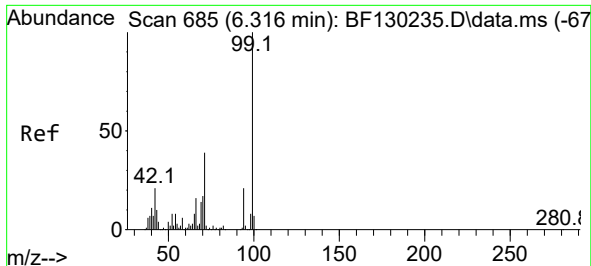
Tgt Ion:152 Resp: 104310
Ion Ratio Lower Upper
152 100
150 156.2 122.8 184.2
115 66.2 53.8 80.8



#5
2-Fluorophenol
Concen: 66.678 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

Tgt Ion:112 Resp: 400999
Ion Ratio Lower Upper
112 100
64 57.3 51.4 77.0
63 31.7 28.8 43.2

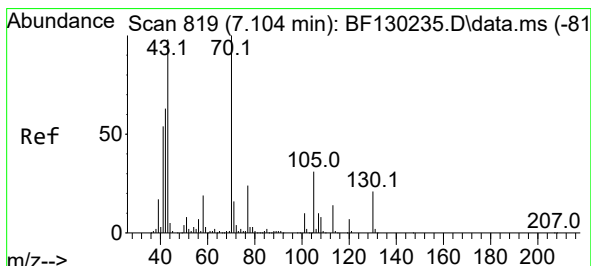
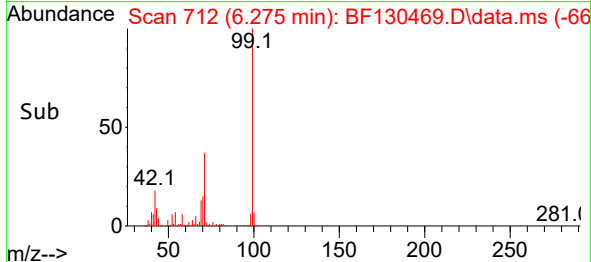
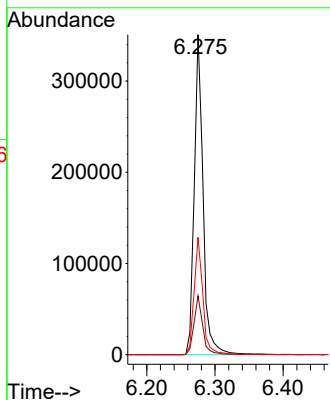
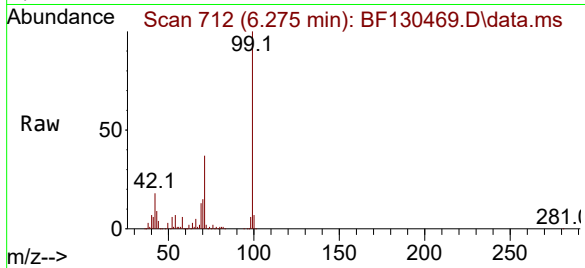




#7
Phenol-d6
Concen: 41.605 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

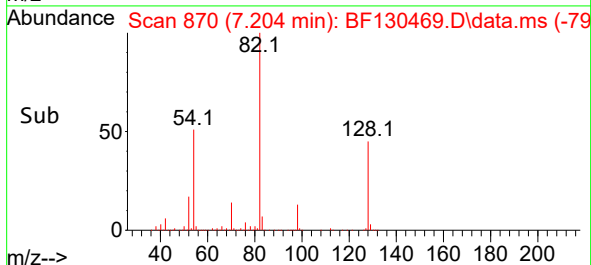
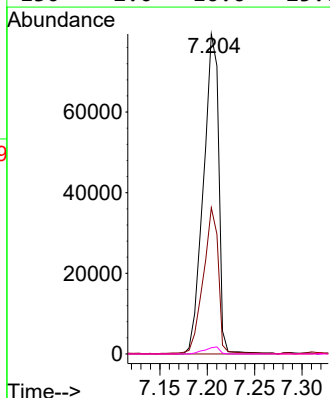
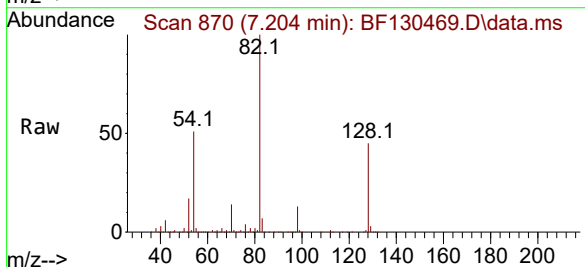
Instrument :
BNA_F
ClientSampleId :
A2720

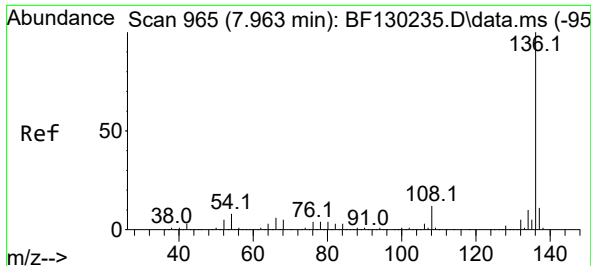
Tgt Ion: 99 Resp: 313068
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 36.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.546 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

Tgt Ion: 70 Resp: 89091
Ion Ratio Lower Upper
70 100
42 45.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

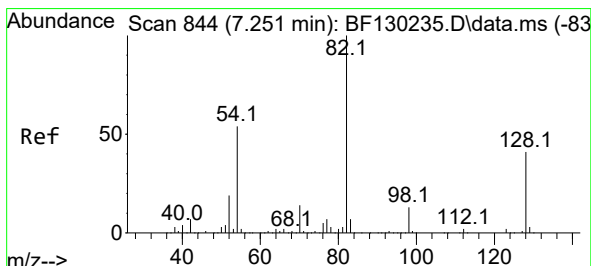
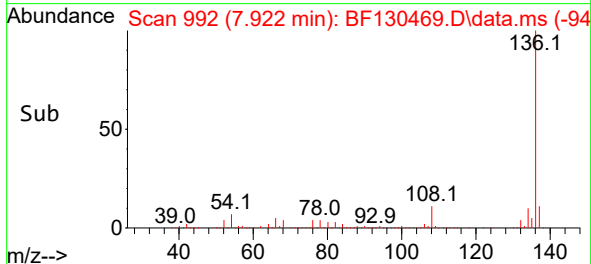
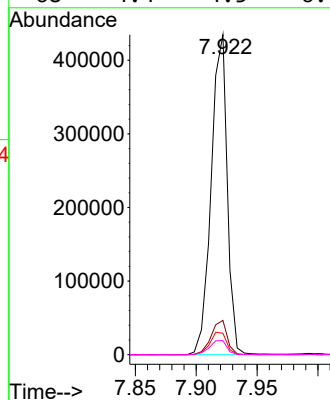
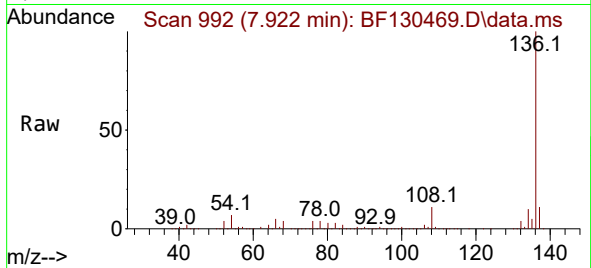




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

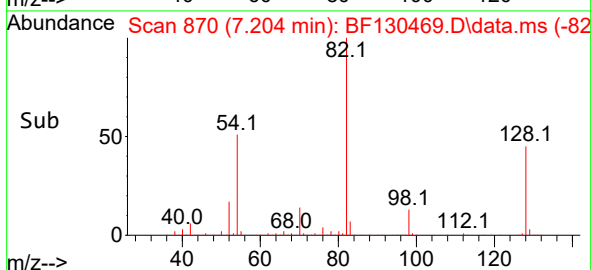
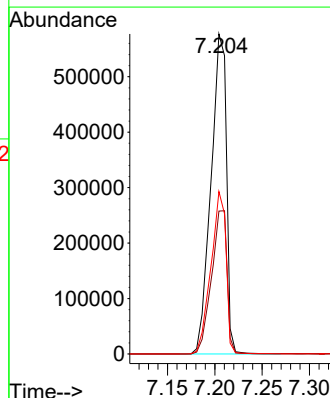
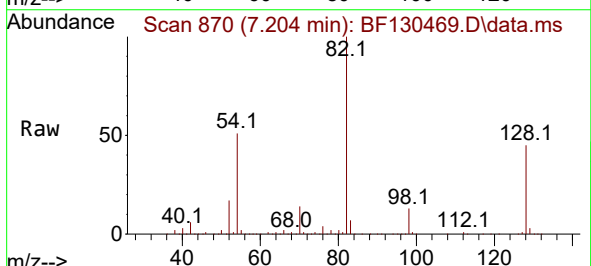
Instrument :
BNA_F
ClientSampleId :
A2720

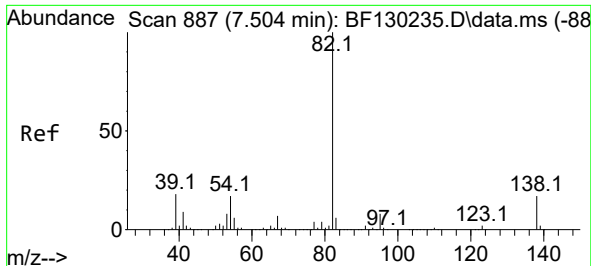
Tgt Ion:136 Resp: 399790
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 6.7 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 83.539 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

Tgt Ion: 82 Resp: 653733
Ion Ratio Lower Upper
82 100
128 44.6 32.6 49.0
54 50.8 43.8 65.6

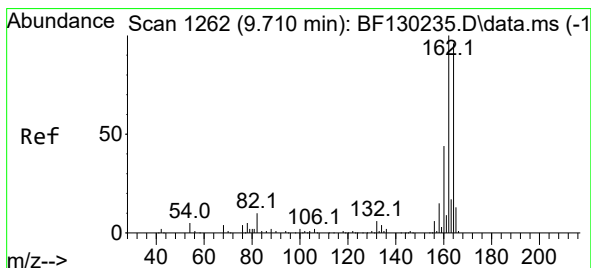
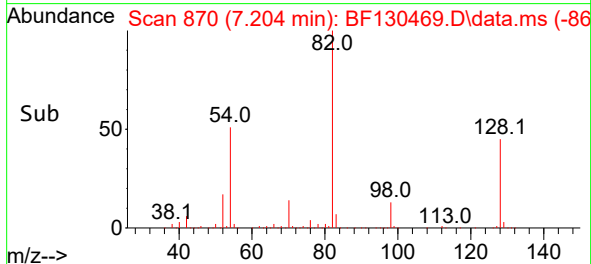
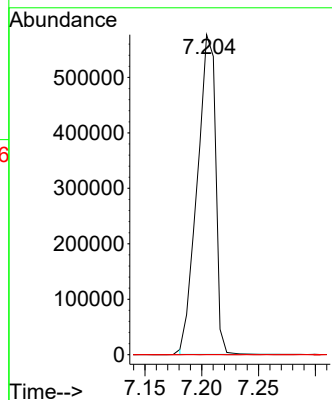
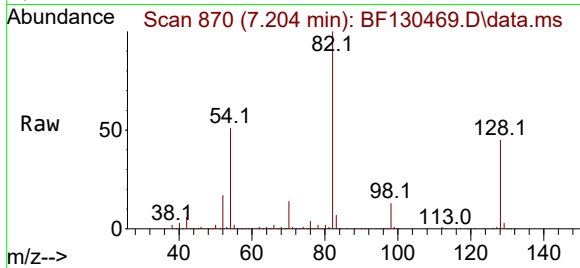




#25
Isophorone
Concen: 51.327 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

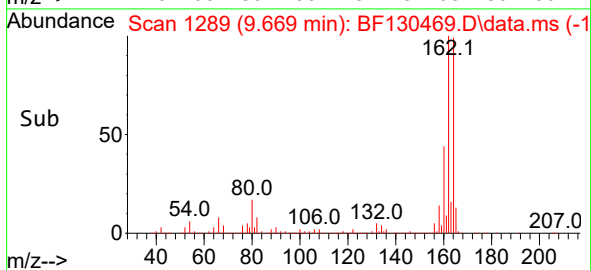
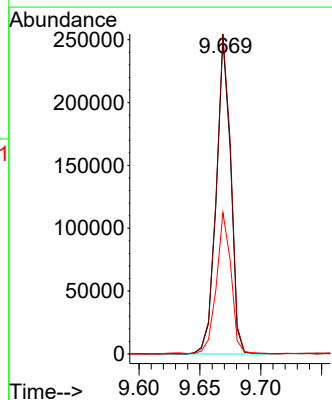
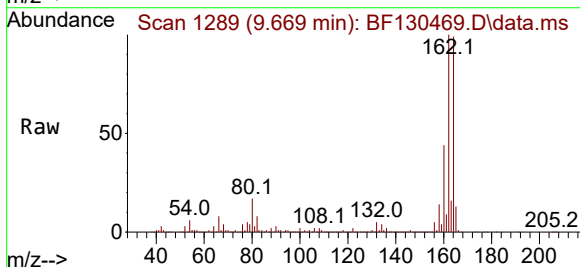
Instrument :
BNA_F
ClientSampleId :
A2720

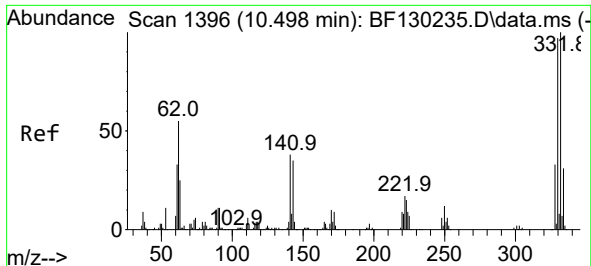
Tgt Ion: 82 Resp: 647378
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

Tgt Ion: 164 Resp: 205966
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 165.189 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130469.D

Acq: 29 Sep 2022 16:23

Instrument :

BNA_F

ClientSampleId :

A2720

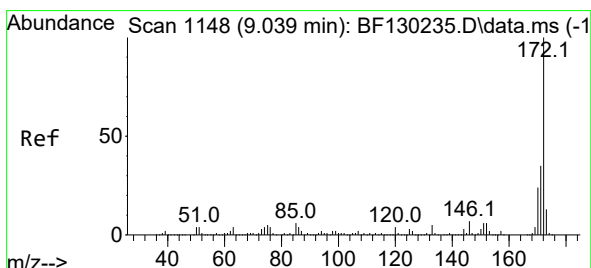
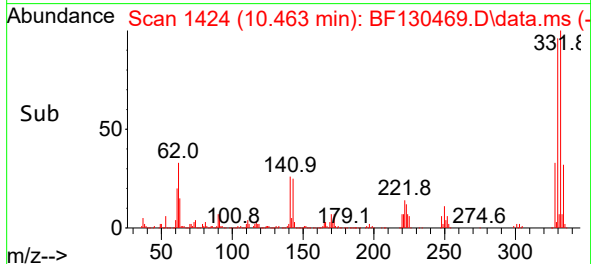
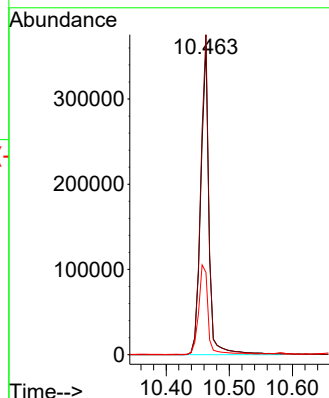
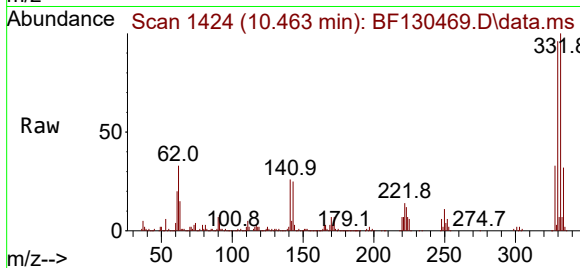
Tgt Ion:330 Resp: 326009

Ion Ratio Lower Upper

330 100

332 104.8 83.4 125.2

141 33.1 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 90.638 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130469.D

Acq: 29 Sep 2022 16:23

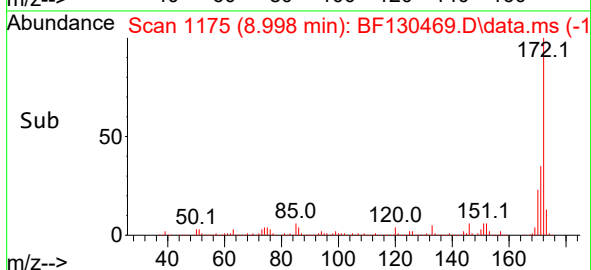
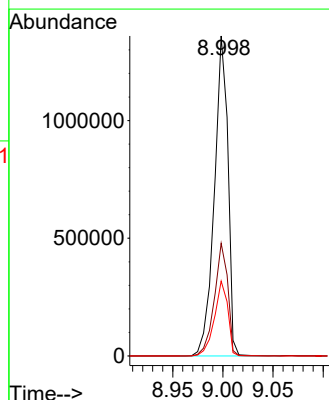
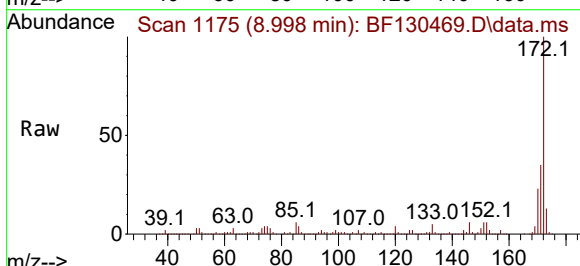
Tgt Ion:172 Resp: 1281998

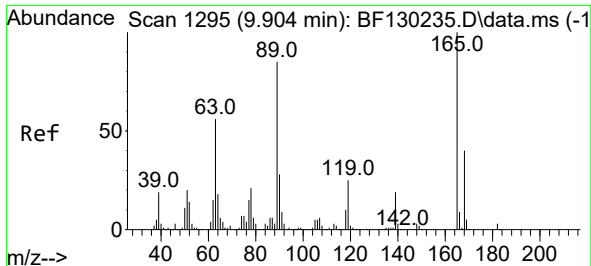
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 18.7 28.1

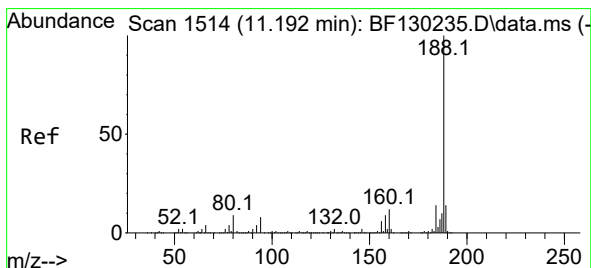
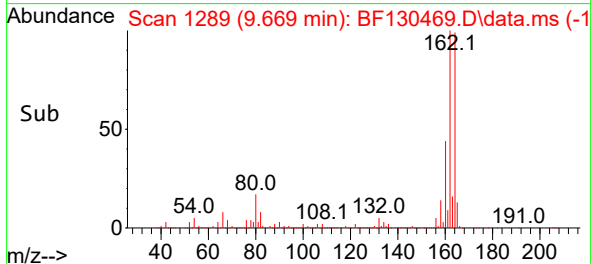
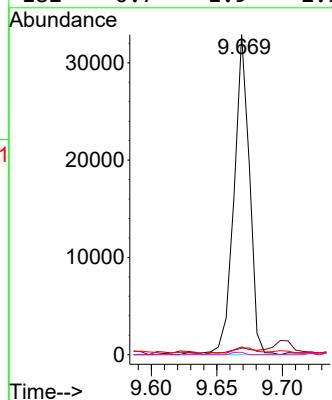
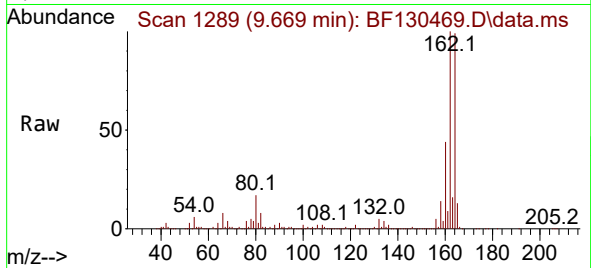




#57
2,4-Dinitrotoluene
Concen: 7.108 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

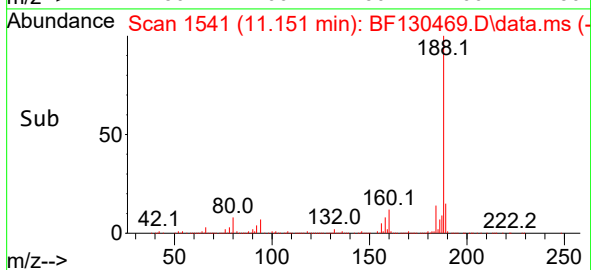
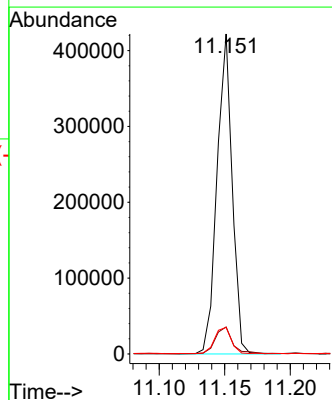
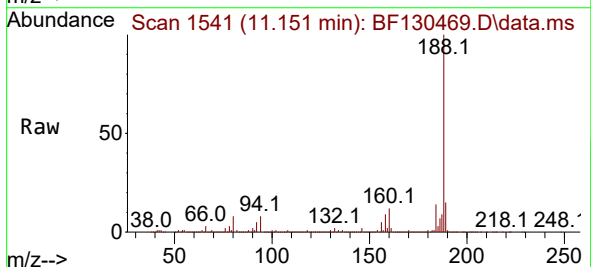
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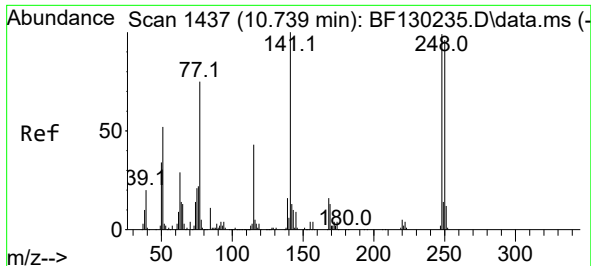
Tgt Ion:165 Resp: 27031
Ion Ratio Lower Upper
165 100
63 2.4 44.7 67.1#
89 2.0 69.0 103.4#
182 0.7 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

Tgt Ion:188 Resp: 338822
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.3 7.9 11.9

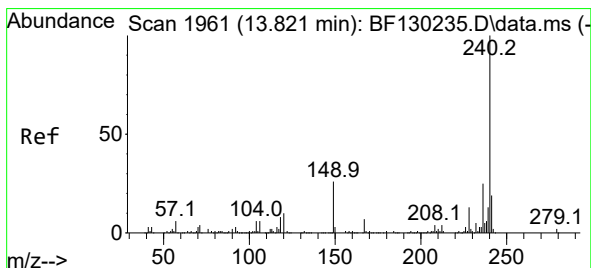
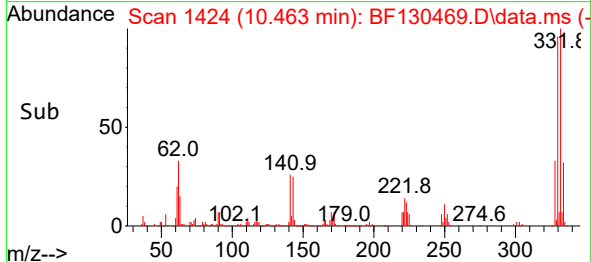
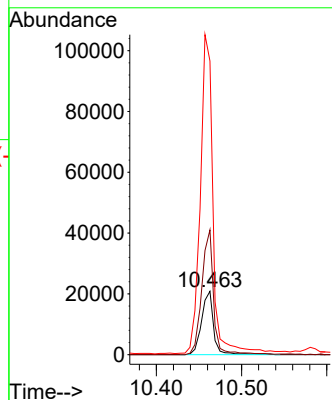
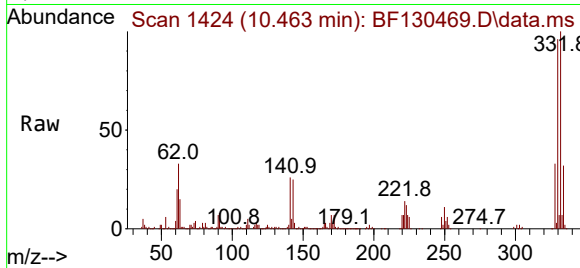




#67
4-Bromophenyl-phenylether
Concen: 5.466 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

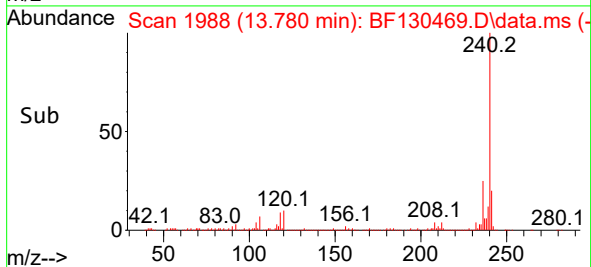
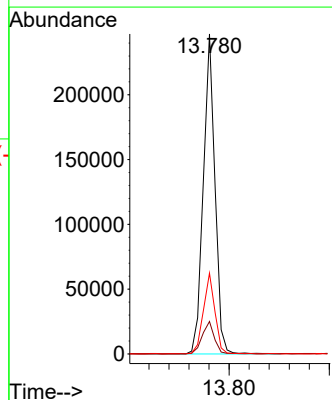
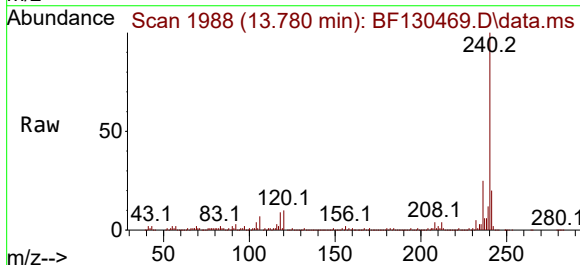
Instrument :
BNA_F
ClientSampleId :
A2720

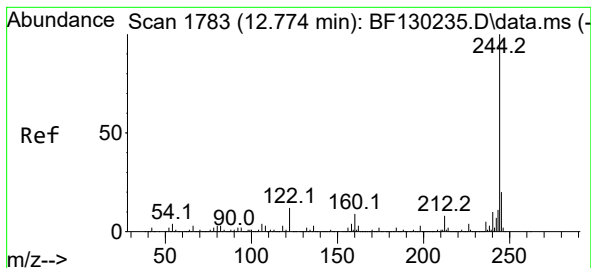
Tgt Ion:248 Resp: 20429
Ion Ratio Lower Upper
248 100
250 197.1 80.0 120.0#
141 464.0 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130469.D
Acq: 29 Sep 2022 16:23

Tgt Ion:240 Resp: 200174
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 91.238 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130469.D

Acq: 29 Sep 2022 16:23

Instrument :

BNA_F

ClientSampleId :

A2720

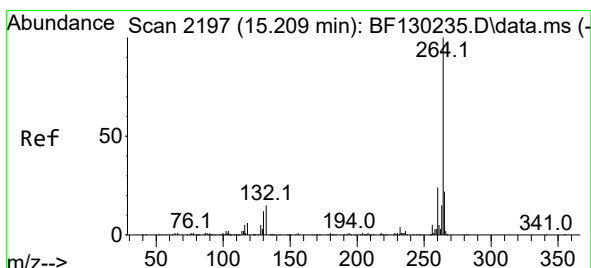
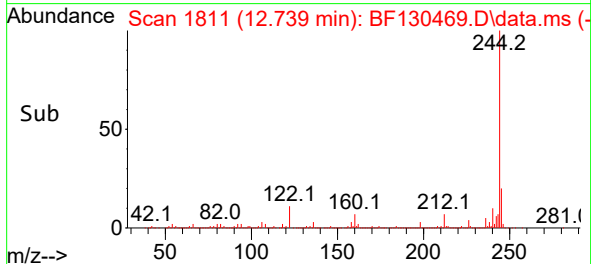
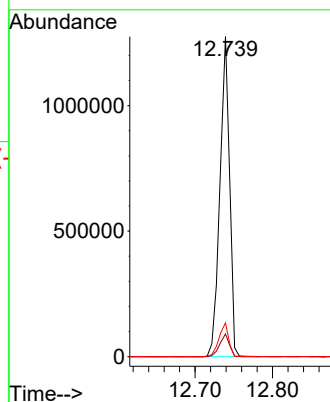
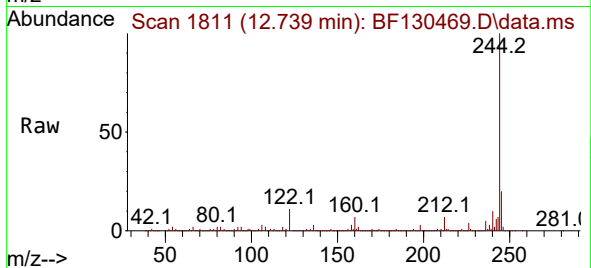
Tgt Ion:244 Resp: 1102539

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.6 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BF130469.D

Acq: 29 Sep 2022 16:23

Tgt Ion:264 Resp: 179028

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.5 17.0 25.4

