

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131702.D
 Acq On : 19 Dec 2022 22:15
 Operator : CG\JU
 Sample : N6112-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121622

Quant Time: Dec 20 01:07:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

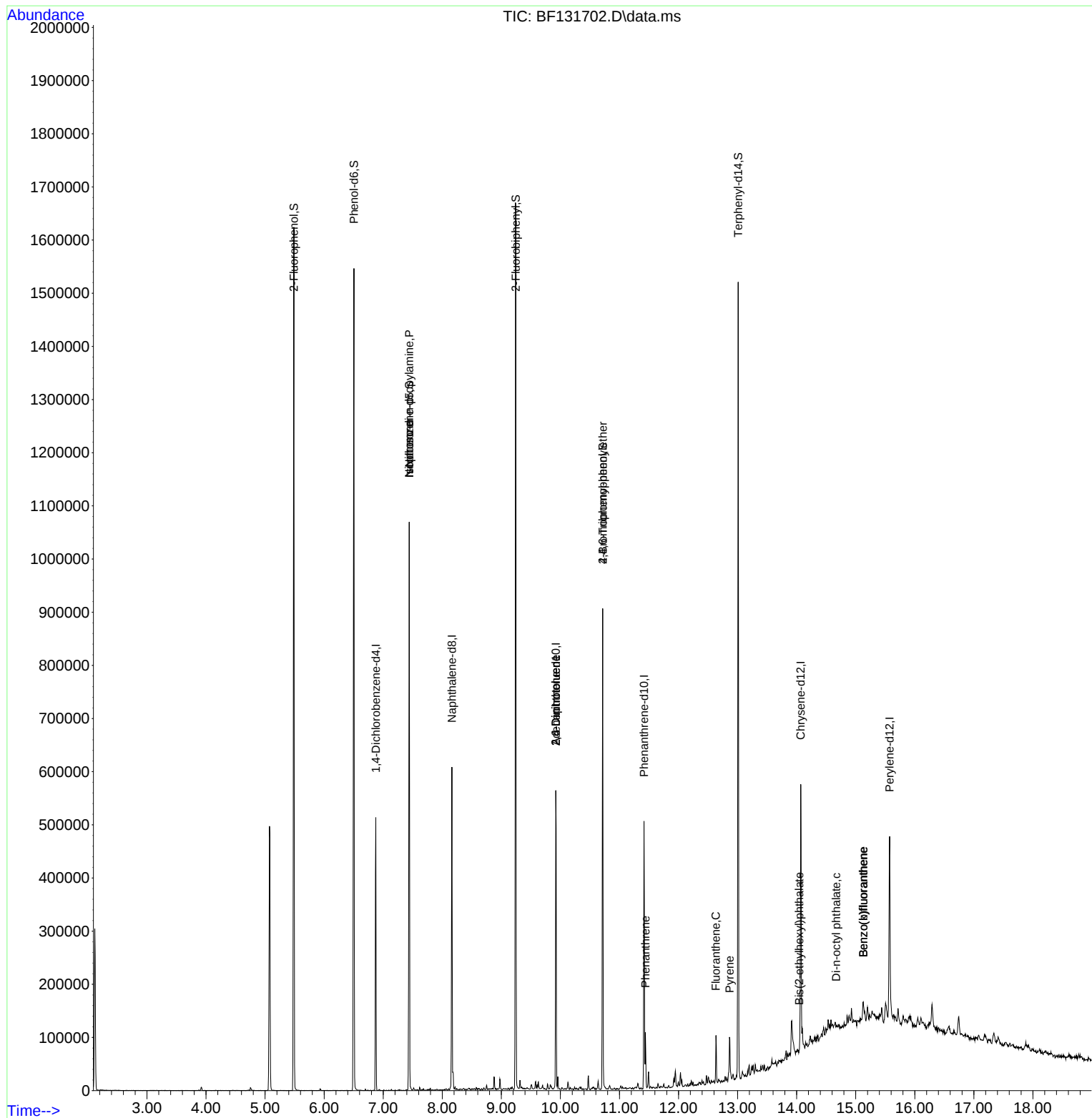
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66583	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	221313	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	108764	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	171737	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	155480	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	162157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	366265	91.770	ng	0.00
7) Phenol-d6	6.504	99	461697	88.278	ng	0.00
23) Nitrobenzene-d5	7.440	82	321105	54.854	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	84791	70.168	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	504224	58.453	ng	0.00
79) Terphenyl-d14	13.010	244	461860	40.738	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	44269	11.288	ng	# 75
25) Isophorone	7.440	82	319694	33.905	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	13334	7.790	ng	# 10
57) 2,4-Dinitrotoluene	9.922	165	13334	5.872	ng	# 16
67) 4-Bromophenyl-phenylether	10.716	248	5724	2.591	ng	# 1
71) Phenanthrene	11.439	178	33565	3.506	ng	98
75) Fluoranthene	12.633	202	33299	3.378	ng	98
78) Pyrene	12.863	202	34713	2.264	ng	96
84) Bis(2-ethylhexyl)phtha...	14.045	149	855	3.165	ng	# 84
85) Di-n-octyl phthalate	14.669	149	475	5.262	ng	# 1
88) Benzo(b)fluoranthene	15.127	252	23368	2.186	ng	# 96
89) Benzo(k)fluoranthene	15.127	252	23368	2.095	ng	# 95

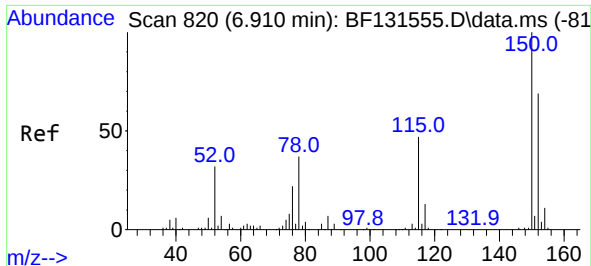
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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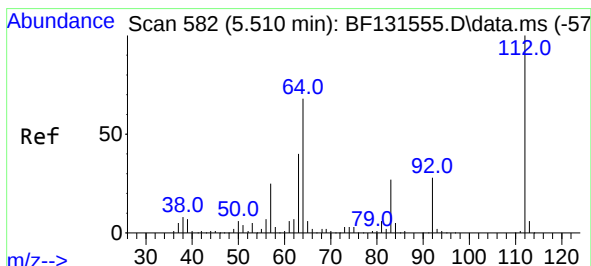
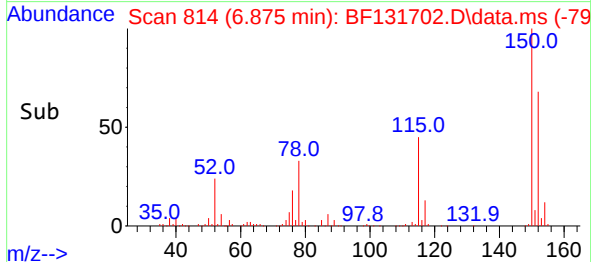
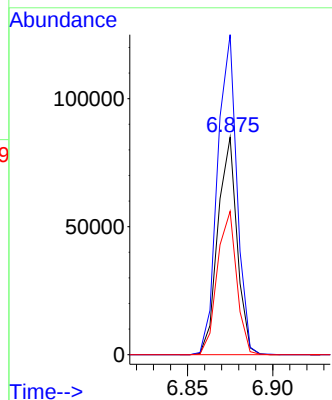
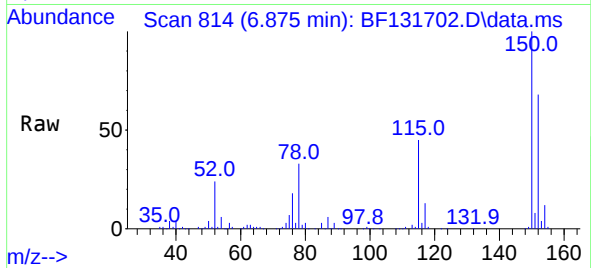




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

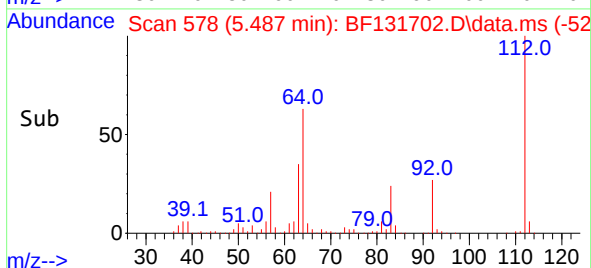
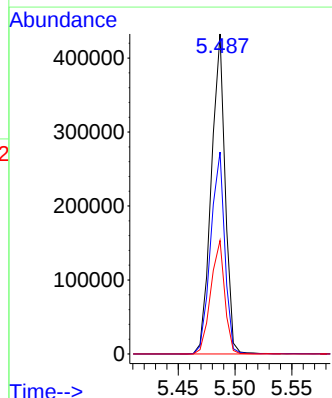
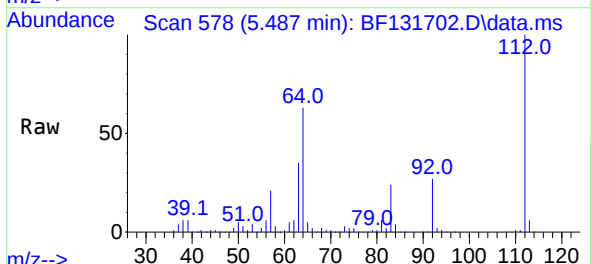
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

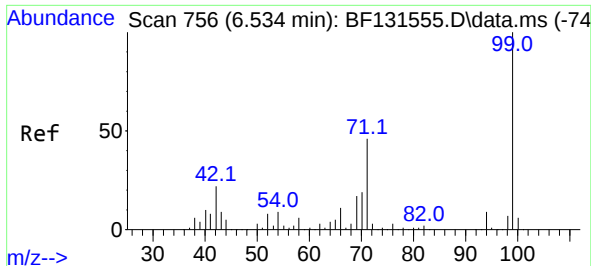
Tgt Ion:152 Resp: 66583
Ion Ratio Lower Upper
152 100
150 147.1 116.7 175.1
115 65.9 54.6 82.0



#5
2-Fluorophenol
Concen: 91.770 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:112 Resp: 366265
Ion Ratio Lower Upper
112 100
64 63.1 54.5 81.7
63 35.5 31.9 47.9

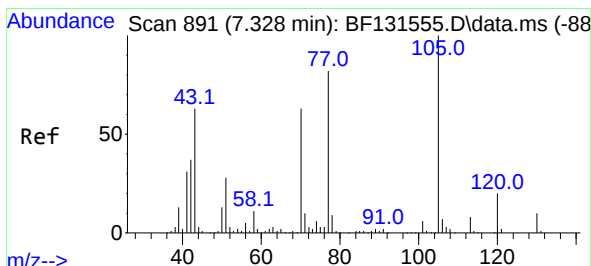
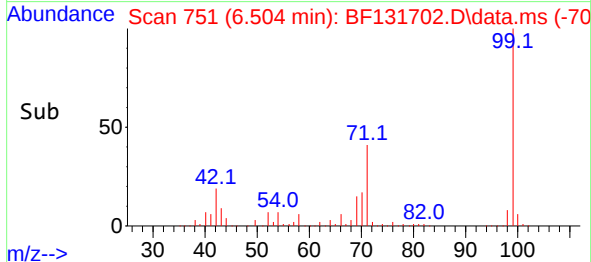
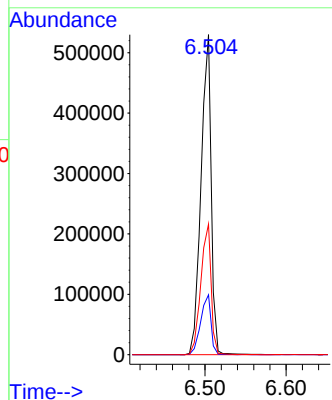
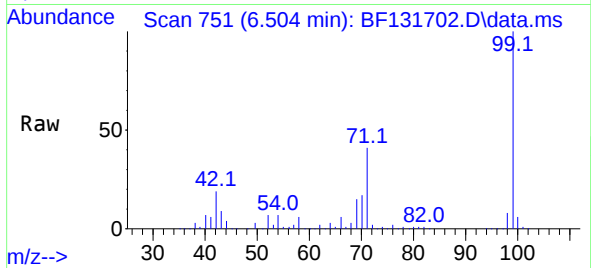




#7
Phenol-d6
Concen: 88.278 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

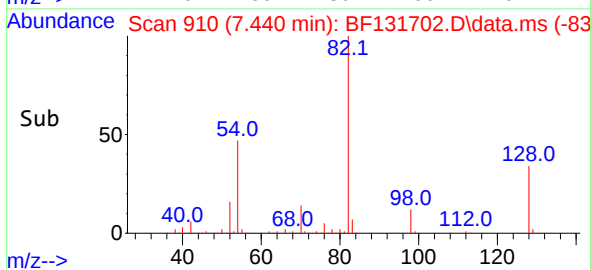
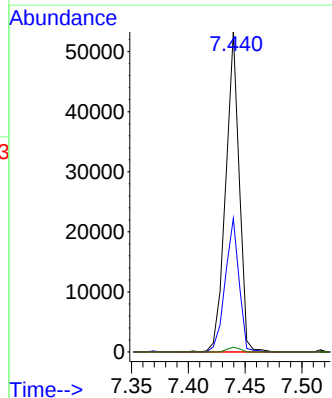
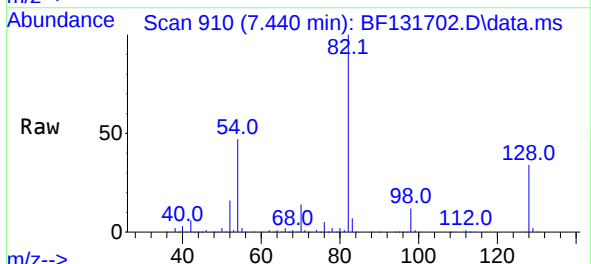
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

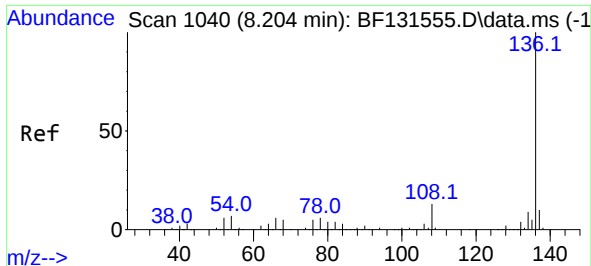
Tgt Ion: 99 Resp: 461697
Ion Ratio Lower Upper
99 100
42 18.7 17.9 26.9
71 40.8 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.288 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

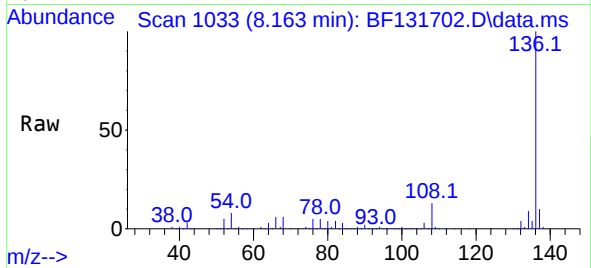
Tgt Ion: 70 Resp: 44269
Ion Ratio Lower Upper
70 100
42 41.8 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#



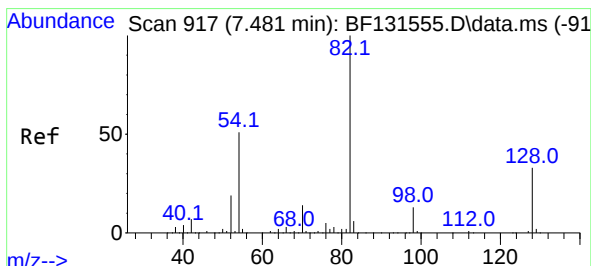
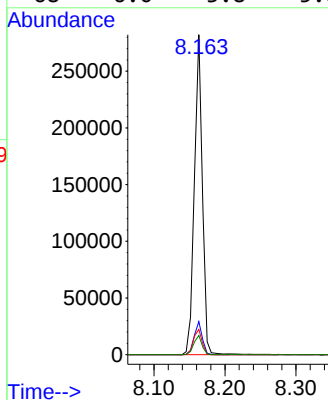
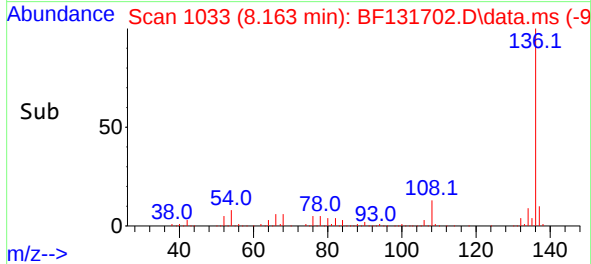


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

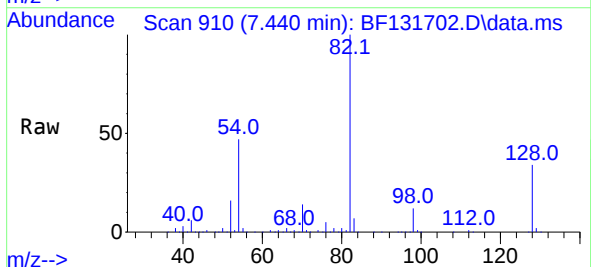
Instrument :
BNA_F
ClientSampleId :
OR-03-121622



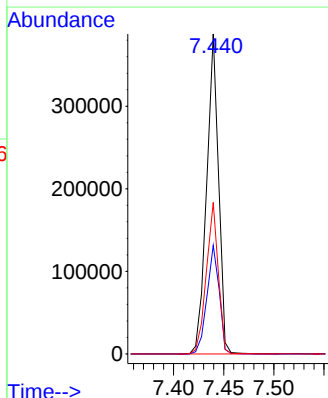
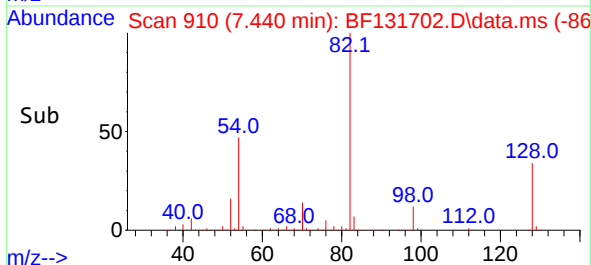
Tgt Ion:136 Resp: 221313
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 7.9 6.0 9.0
68 6.0 3.8 5.8#

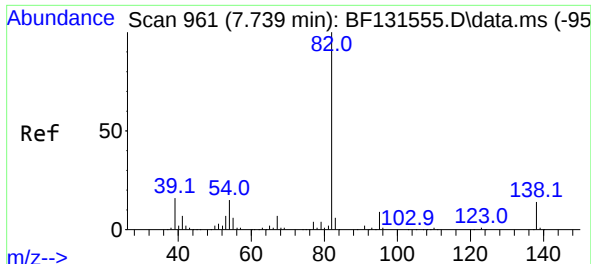


#23
Nitrobenzene-d5
Concen: 54.854 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15



Tgt Ion: 82 Resp: 321105
Ion Ratio Lower Upper
82 100
128 33.9 26.1 39.1
54 47.3 40.6 60.8

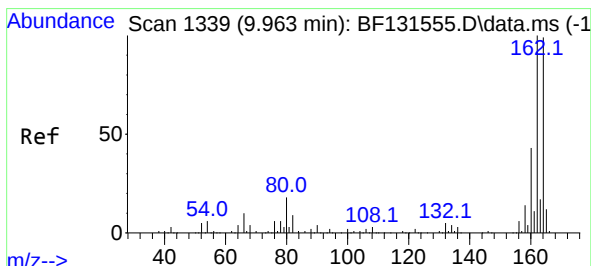
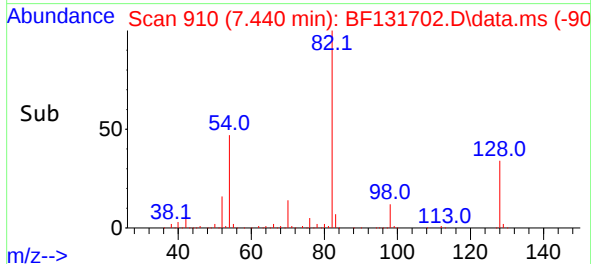
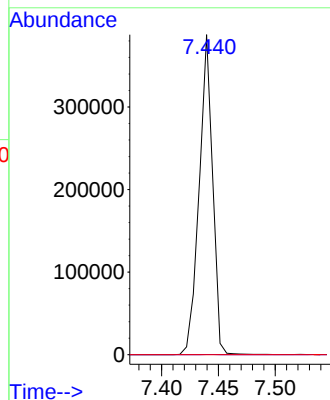
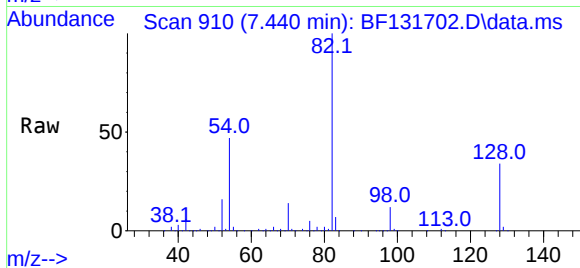




#25
Isophorone
Concen: 33.905 ng
RT: 7.440 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

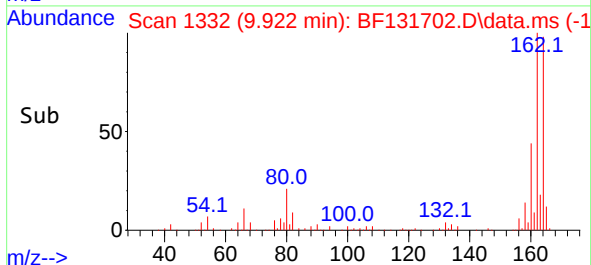
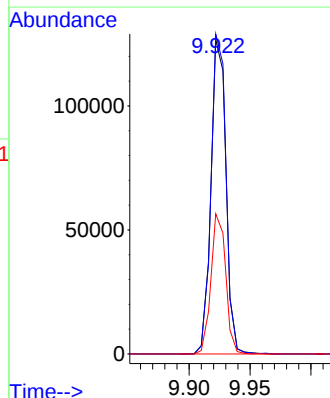
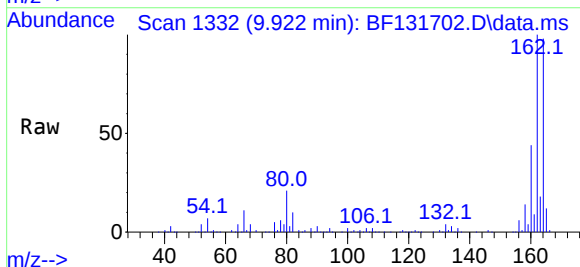
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

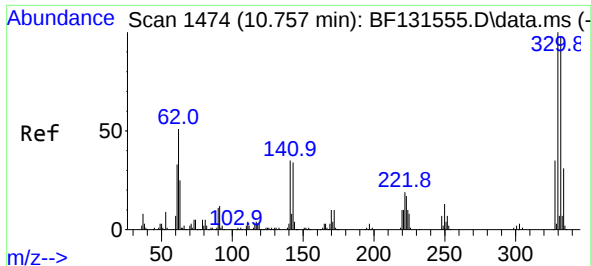
Tgt Ion: 82 Resp: 319694
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:164 Resp: 108764
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 70.168 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131702.D

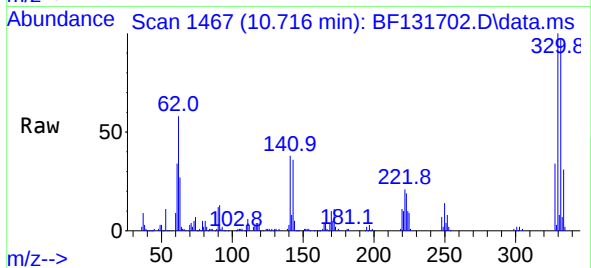
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Instrument :

BNA_F

ClientSampleId :

OR-03-121622



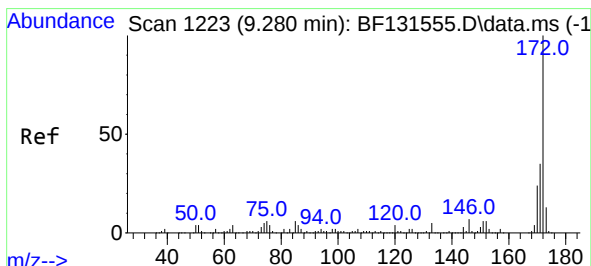
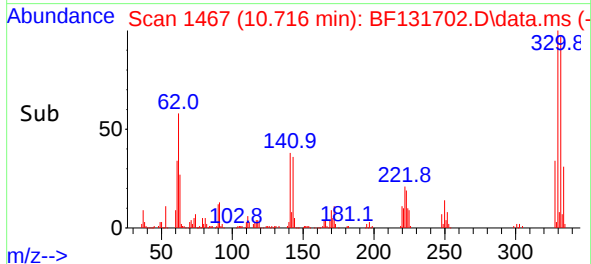
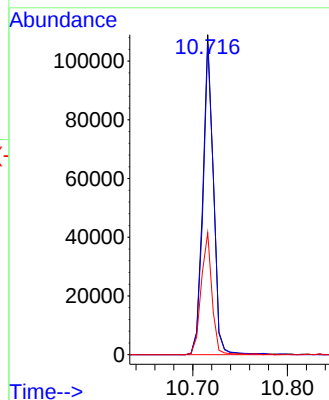
Tgt Ion:330 Resp: 84791

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

141 39.2 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 58.453 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

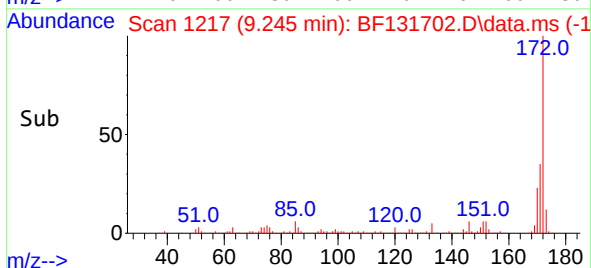
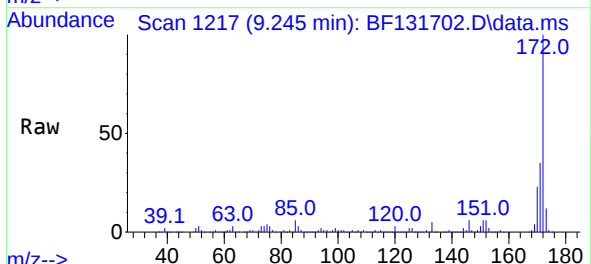
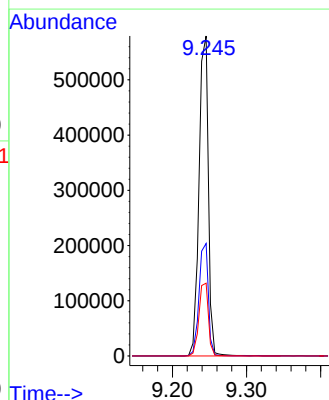
Tgt Ion:172 Resp: 504224

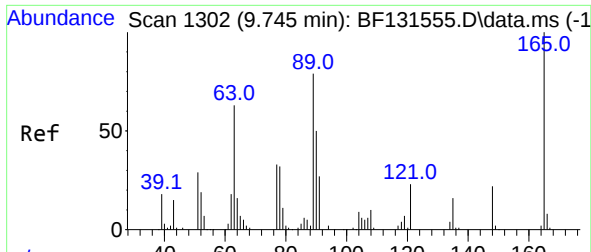
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.7 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 7.790 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.212 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

Instrument :

BNA_F

ClientSampleId :

OR-03-121622

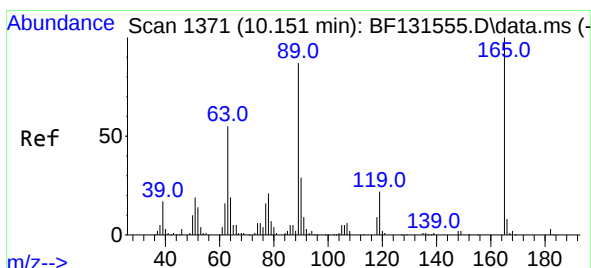
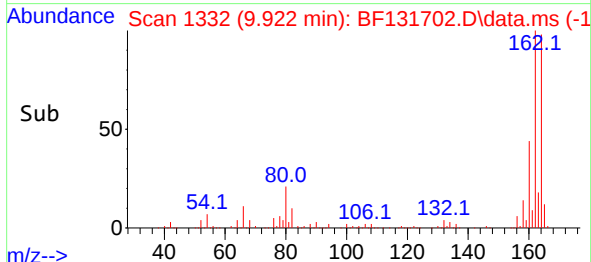
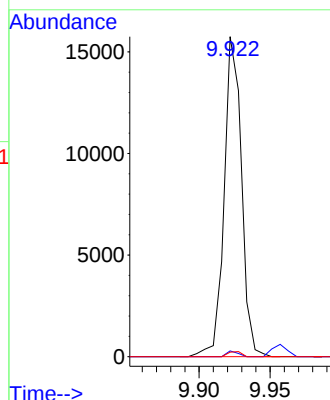
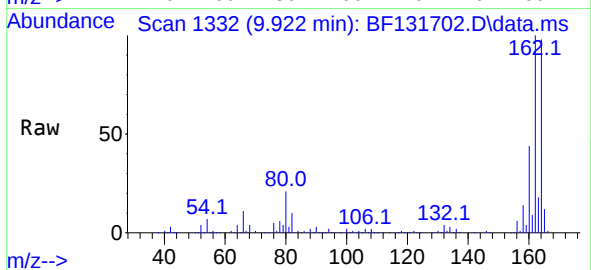
Tgt Ion:165 Resp: 13334

Ion Ratio Lower Upper

165 100

63 1.8 67.9 101.9#

89 1.4 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 5.872 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

Tgt Ion:165 Resp: 13334

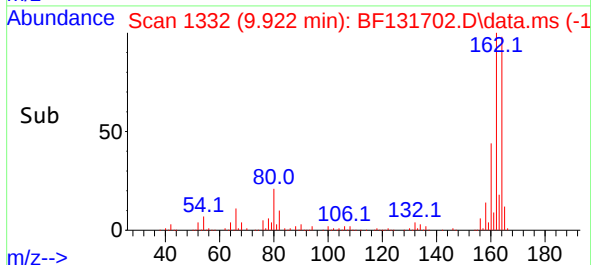
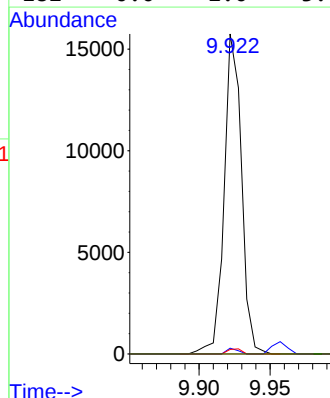
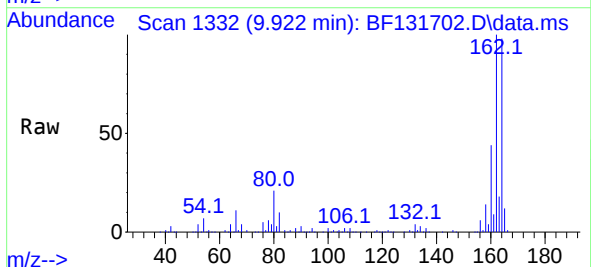
Ion Ratio Lower Upper

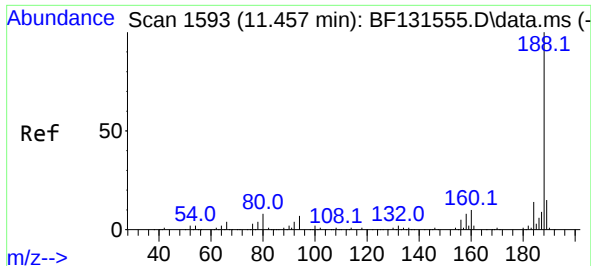
165 100

63 1.8 44.4 66.6#

89 1.4 69.6 104.4#

182 0.0 2.0 3.0#

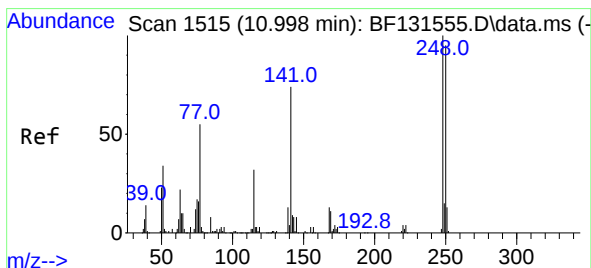
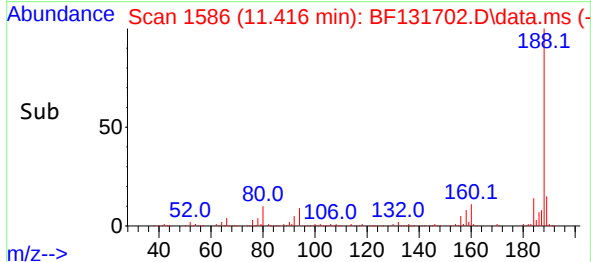
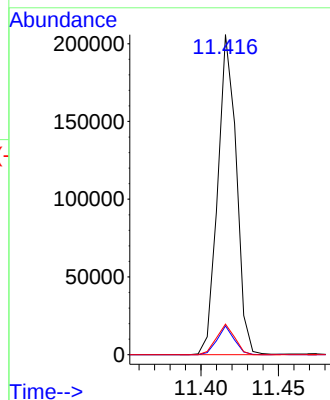
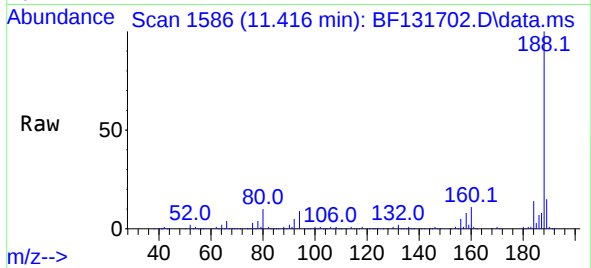




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

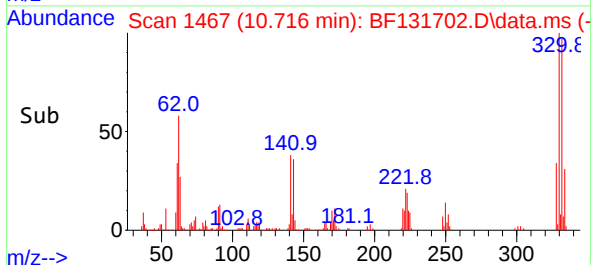
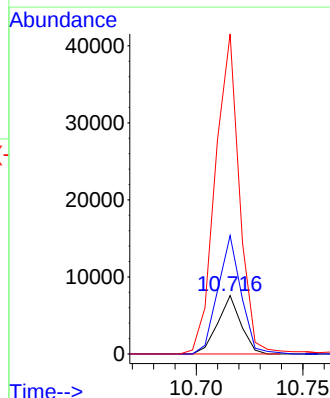
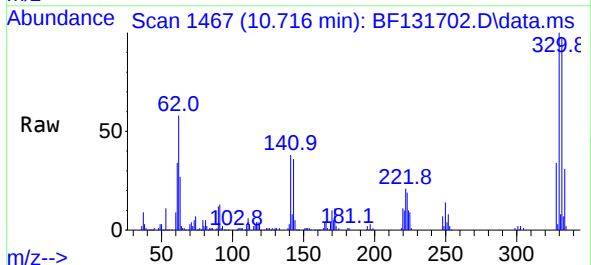
Instrument :
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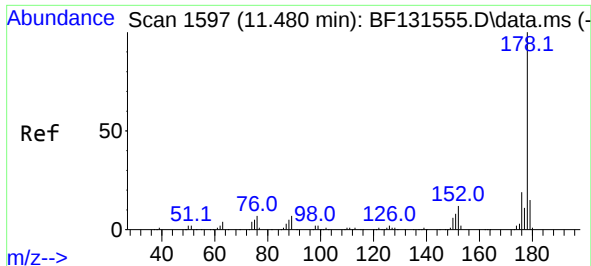
Tgt Ion:188 Resp: 171737
Ion Ratio Lower Upper
188 100
94 9.0 5.5 8.3#
80 9.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.591 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:248 Resp: 5724
Ion Ratio Lower Upper
248 100
250 202.4 76.2 114.2#
141 547.1 59.5 89.3#

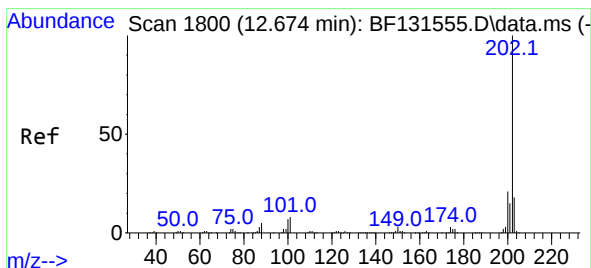
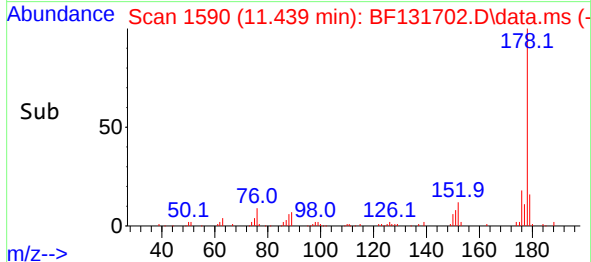
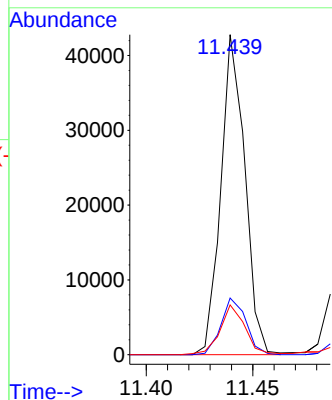
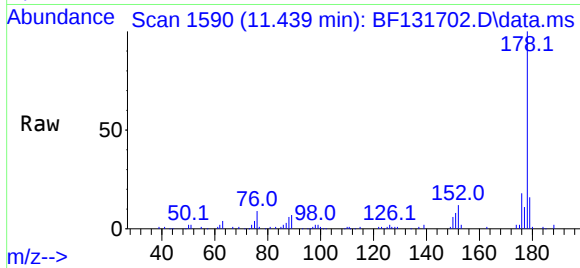




#71
Phenanthrene
Concen: 3.506 ng
RT: 11.439 min Scan# 11793
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

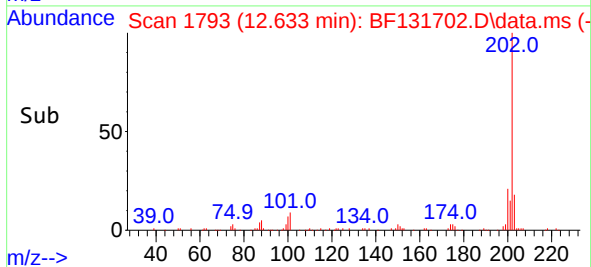
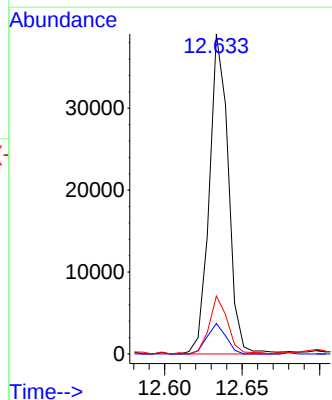
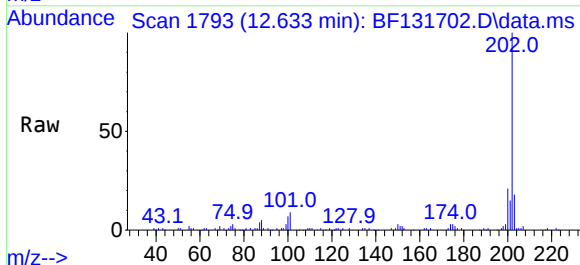
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

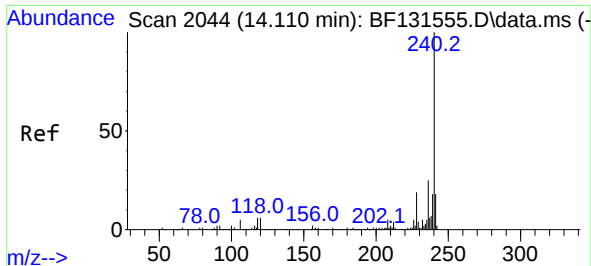
Tgt Ion:178 Resp: 33565
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 15.5 12.2 18.4



#75
Fluoranthene
Concen: 3.378 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:202 Resp: 33299
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 18.1 0.0 37.7

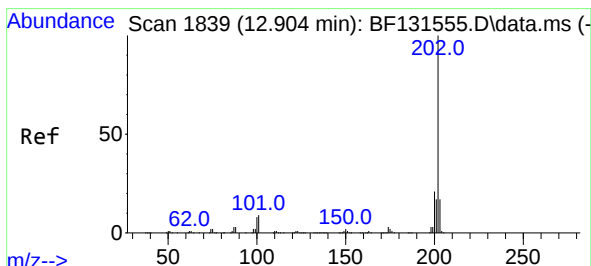
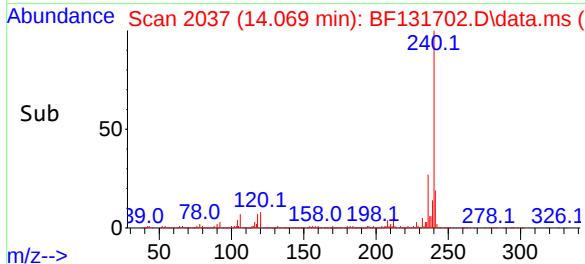
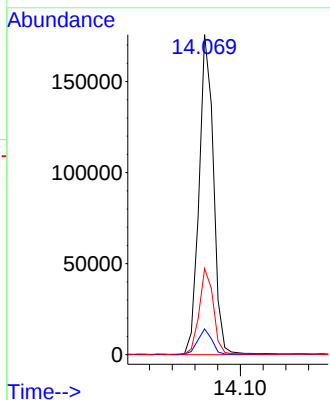
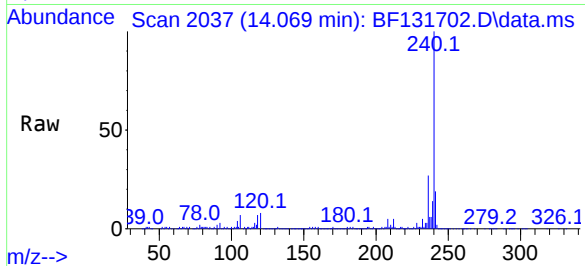




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

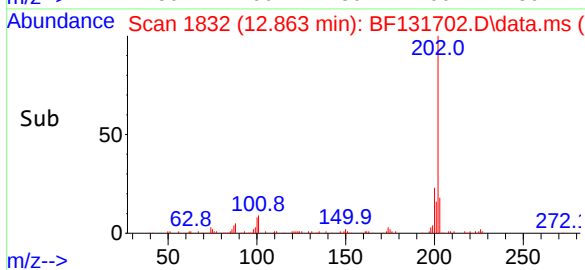
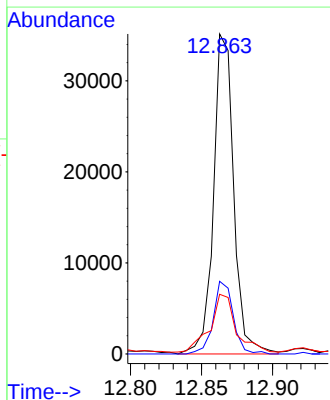
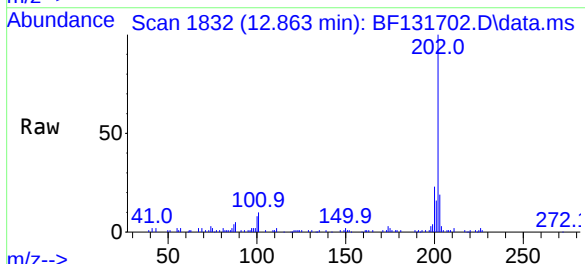
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

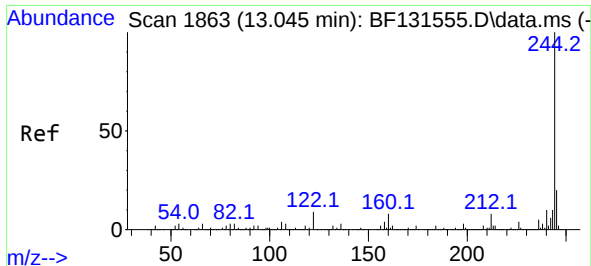
Tgt Ion:240 Resp: 155480
Ion Ratio Lower Upper
240 100
120 8.0 4.6 7.0#
236 26.9 20.2 30.2



#78
Pyrene
Concen: 2.264 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:202 Resp: 34713
Ion Ratio Lower Upper
202 100
200 22.7 16.7 25.1
203 18.7 13.8 20.6



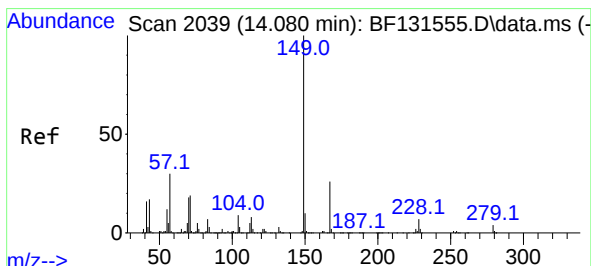
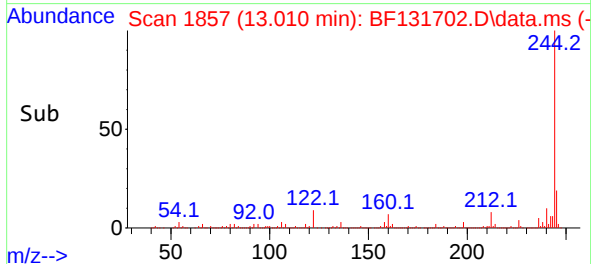
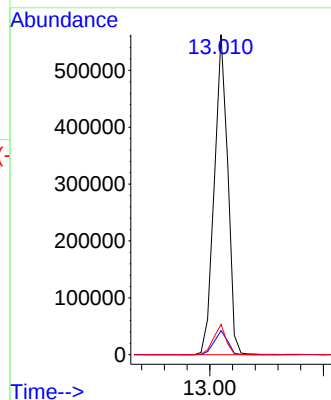
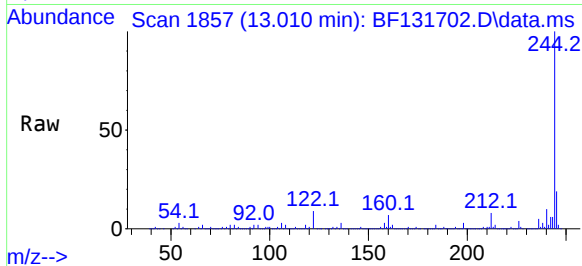


#79
 Terphenyl-d14
 Concen: 40.738 ng
 RT: 13.010 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131702.D
 Acq: 19 Dec 2022 22:15

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121622

Tgt Ion:244 Resp: 461860

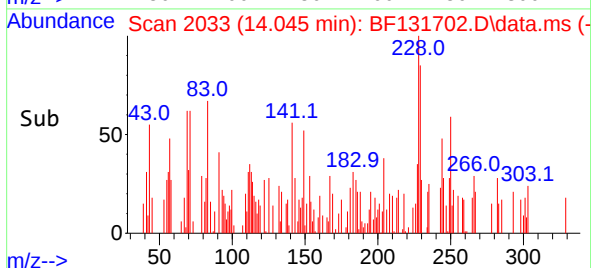
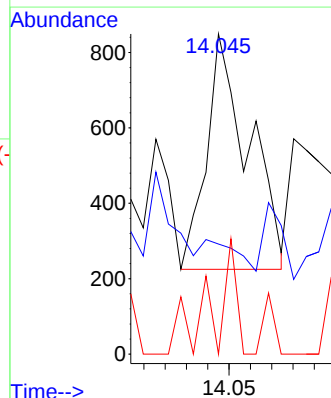
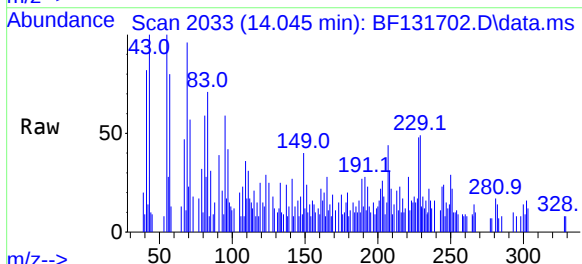
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	9.4	7.1	10.7

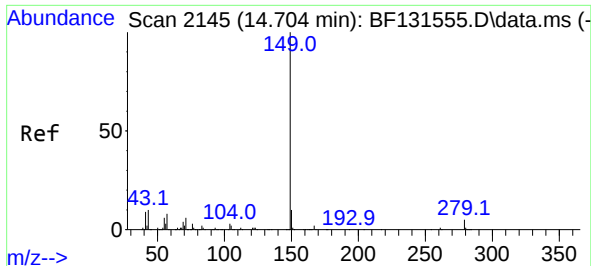


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.165 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: BF131702.D
 Acq: 19 Dec 2022 22:15

Tgt Ion:149 Resp: 855

Ion	Ratio	Lower	Upper
149	100		
167	34.4	20.8	31.2#
279	0.0	3.3	4.9#

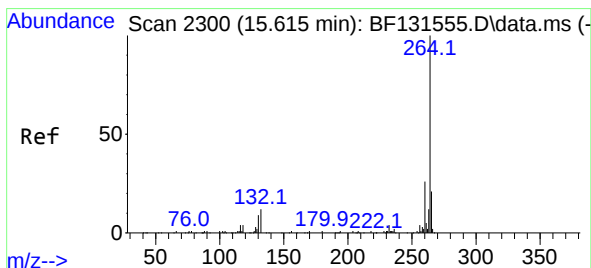
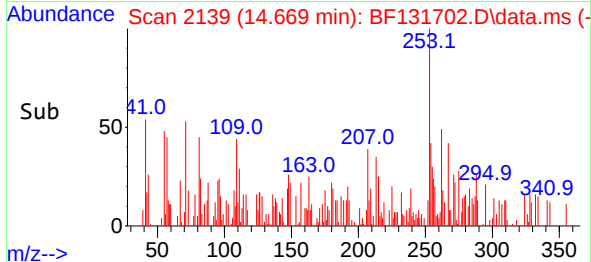
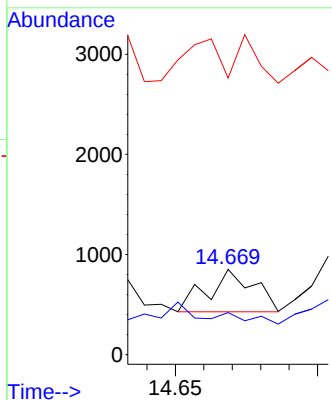
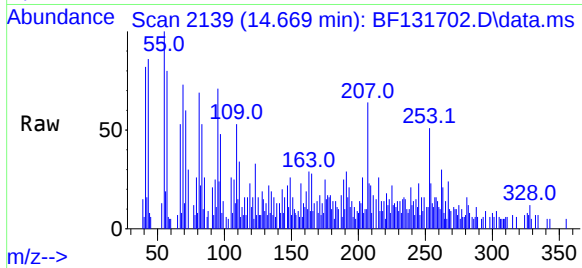




#85
Di-n-octyl phthalate
Concen: 5.262 ng
RT: 14.669 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

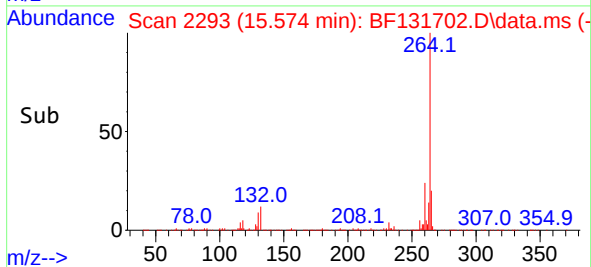
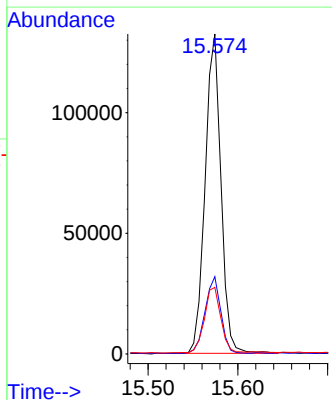
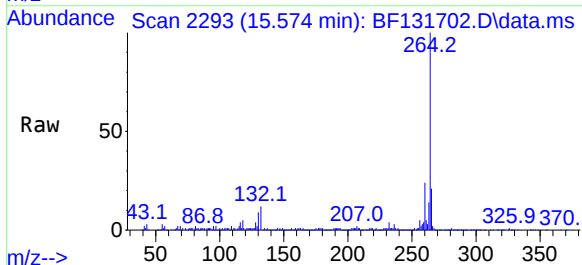
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

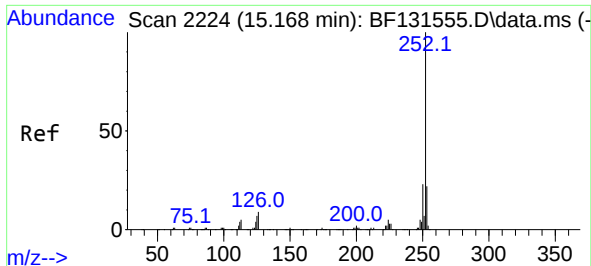
Tgt Ion:149 Resp: 475
Ion Ratio Lower Upper
149 100
167 28.2 1.2 1.8#
43 89.3 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:264 Resp: 162157
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 20.8 16.8 25.2

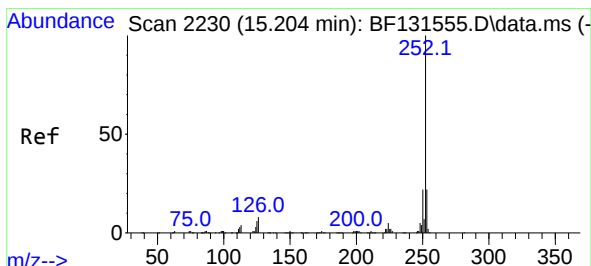
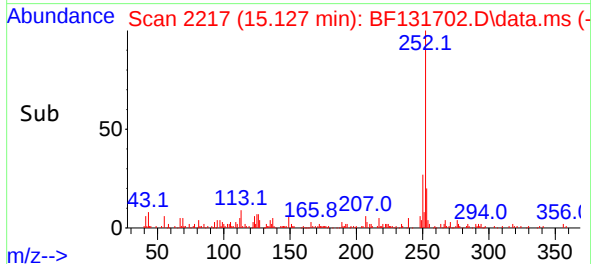
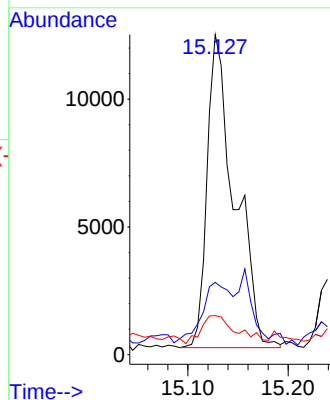
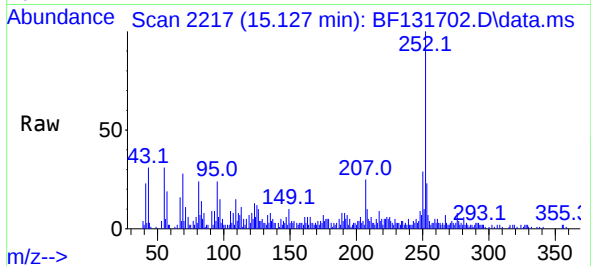




#88
Benzo(b)fluoranthene
Concen: 2.186 ng
RT: 15.127 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Instrument :
BNA_F
ClientSampleId :
OR-03-121622

Tgt Ion:252 Resp: 23368
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.2 5.6 8.4#



#89
Benzo(k)fluoranthene
Concen: 2.095 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.035 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:252 Resp: 23368
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.2 4.9 7.3#

