

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131927.D
 Acq On : 05 Jan 2023 21:40
 Operator : CG\JU
 Sample : 01027-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-1-4-2023

Quant Time: Jan 06 03:14:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

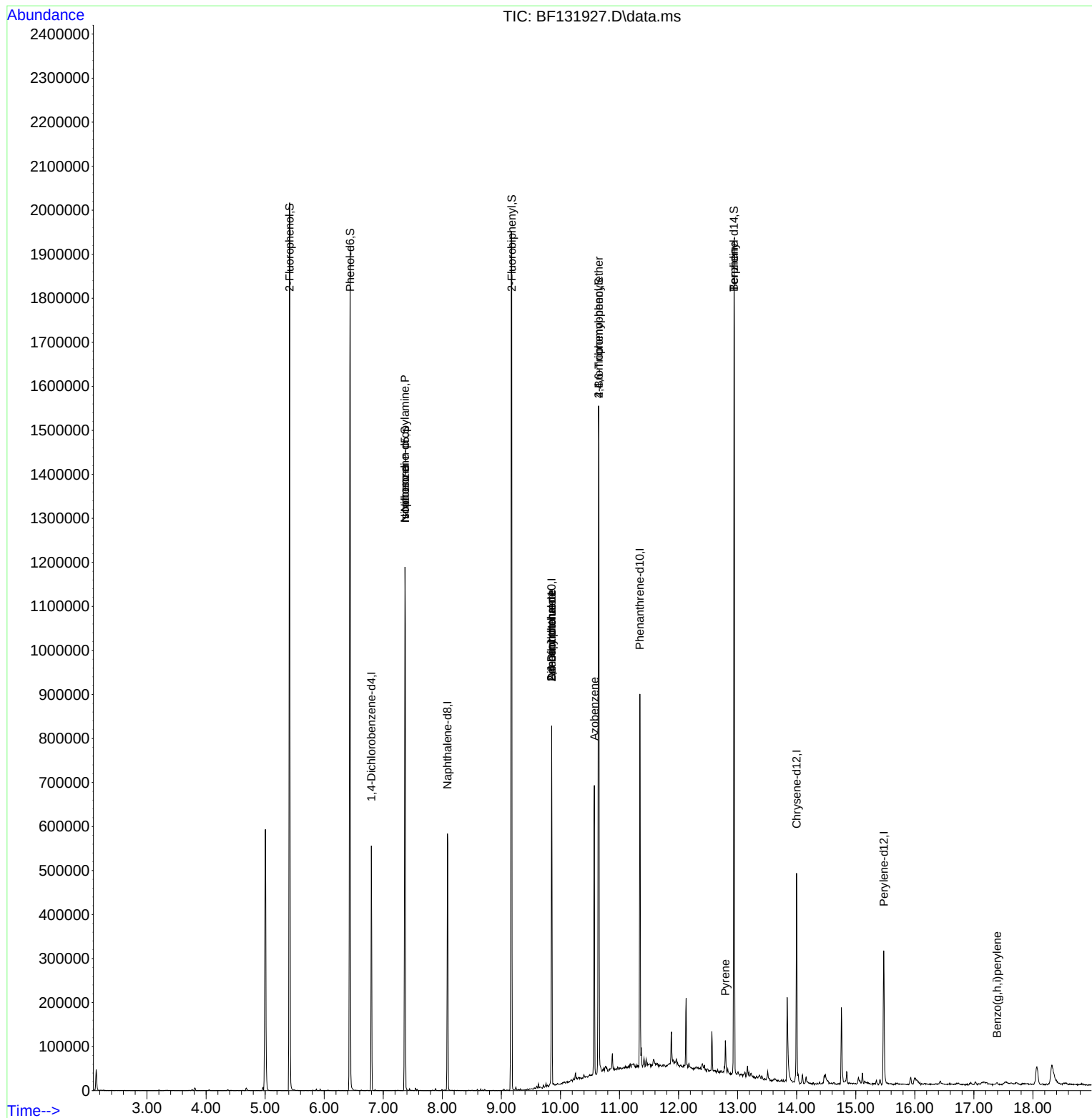
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	70911	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	257969	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	150938	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	284983	20.000	ng	0.00
76) Chrysene-d12	13.998	240	146425	20.000	ng	-0.01
86) Perylene-d12	15.474	264	139060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	484346	113.194	ng	0.01
7) Phenol-d6	6.440	99	625544	111.273	ng	0.00
23) Nitrobenzene-d5	7.369	82	441057	68.262	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	177606	108.300	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	657203	59.640	ng	0.00
79) Terphenyl-d14	12.939	244	657991	76.012	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.369	70	61637	15.524	ng	# 79
25) Isophorone	7.369	82	441122	41.806	ng	# 69
50) Dimethylphthalate	9.851	163	28786	2.521	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	20045	8.109	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	20045	5.929	ng	# 17
63) Azobenzene	10.575	77	121889	9.993	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	12240	3.706	ng	# 1
77) Benzidine	12.939	184	11116	4.620	ng	# 92
78) Pyrene	12.792	202	28887	2.354	ng	97
92) Benzo(g,h,i)perylene	17.392	276	3293	5.590	ng	# 76

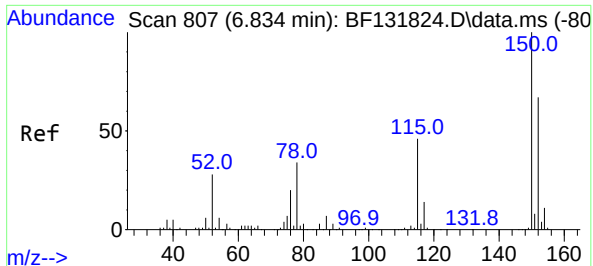
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131927.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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COMP-1-1-4-2023

Quant Time: Jan 06 03:14:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 03:02:38 2023
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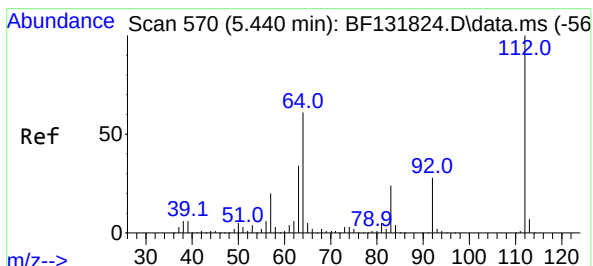
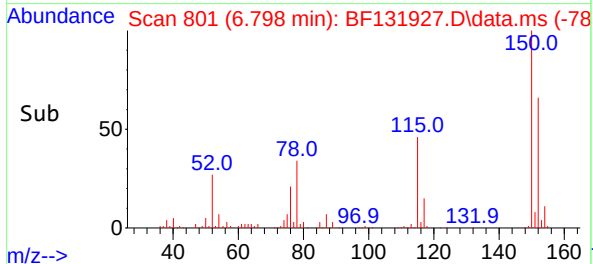
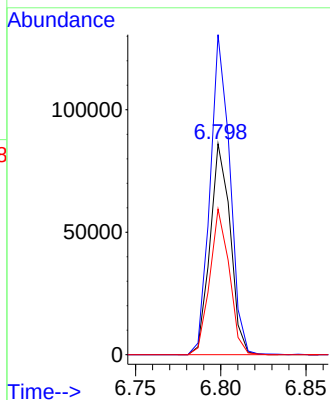
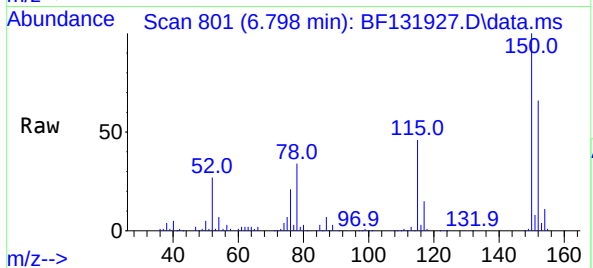




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

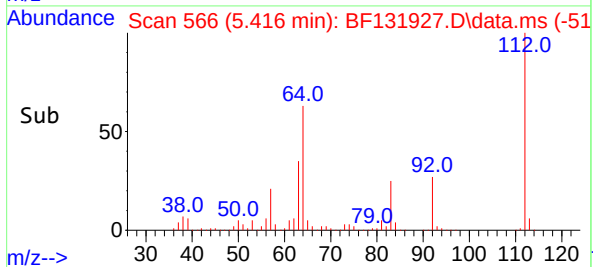
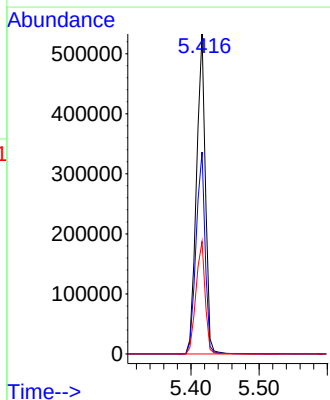
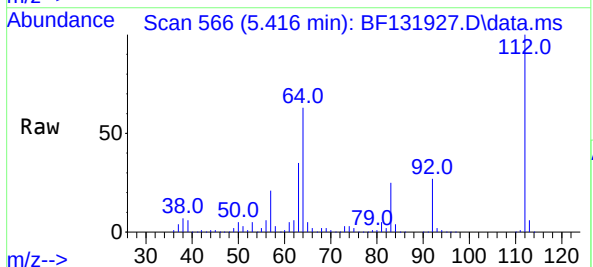
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

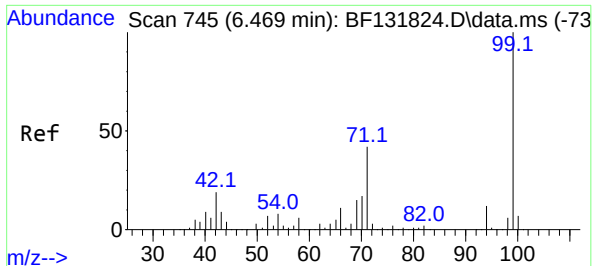
Tgt Ion:152 Resp: 70911
Ion Ratio Lower Upper
152 100
150 151.7 120.0 180.0
115 69.1 55.1 82.7



#5
2-Fluorophenol
Concen: 113.194 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:112 Resp: 484346
Ion Ratio Lower Upper
112 100
64 63.1 49.2 73.8
63 35.1 27.5 41.3

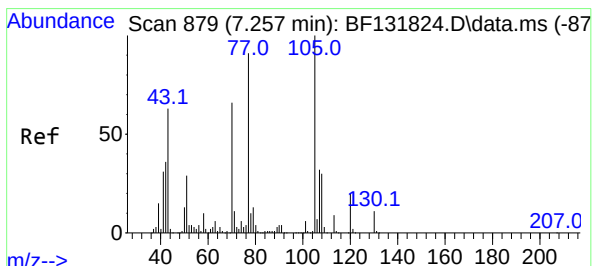
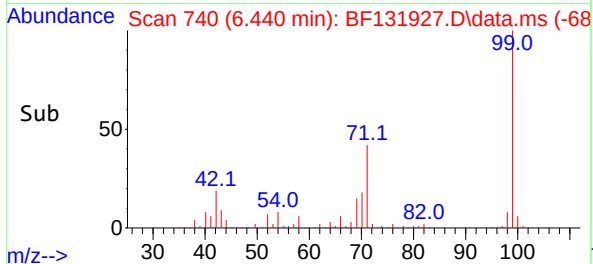
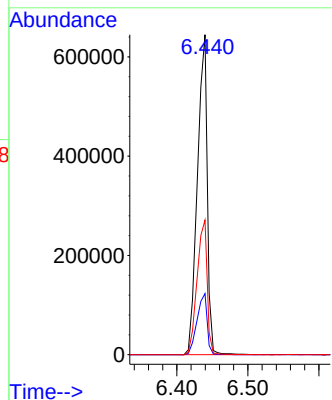
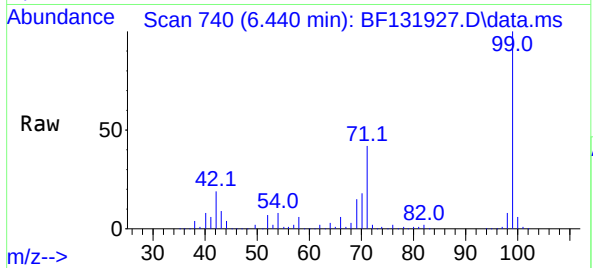




#7
Phenol-d6
Concen: 111.273 ng
RT: 6.440 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

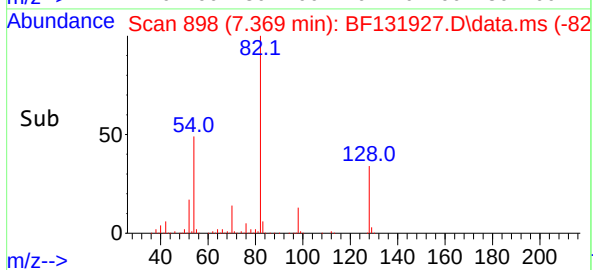
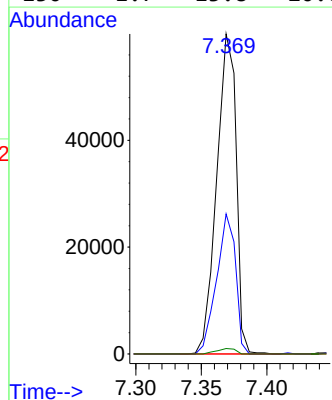
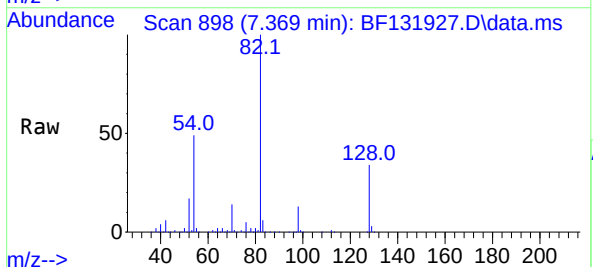
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

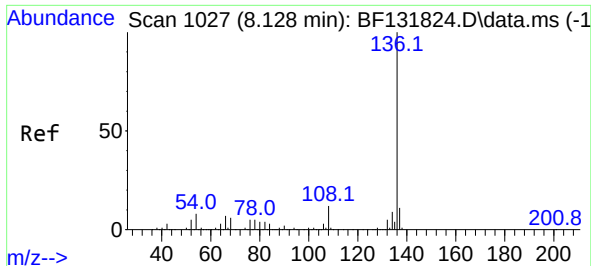
Tgt Ion: 99 Resp: 625544
Ion Ratio Lower Upper
99 100
42 19.1 15.3 22.9
71 42.0 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.524 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion: 70 Resp: 61637
Ion Ratio Lower Upper
70 100
42 43.7 43.8 65.6#
101 0.0 7.4 11.0#
130 1.7 13.8 20.6#



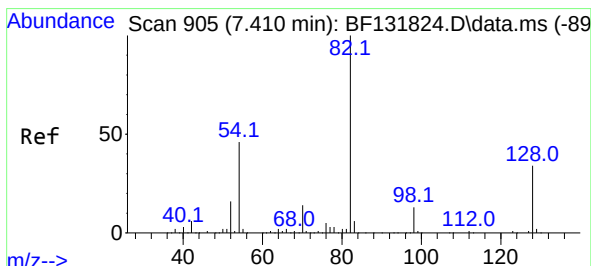
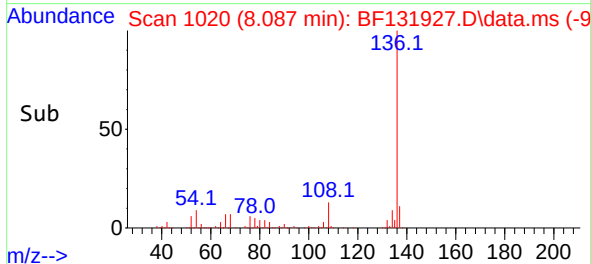
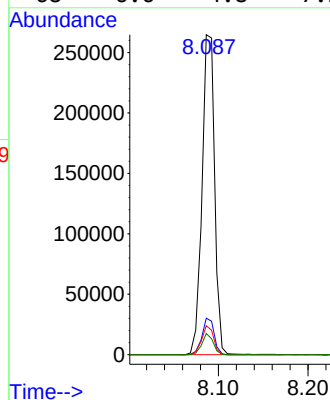
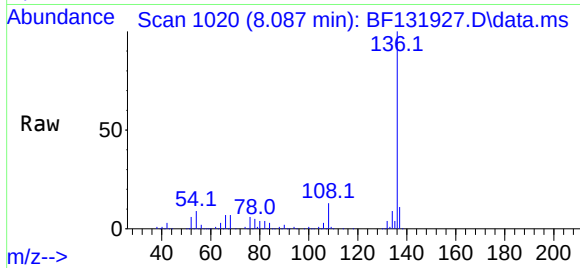


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

Tgt Ion:136 Resp: 257969

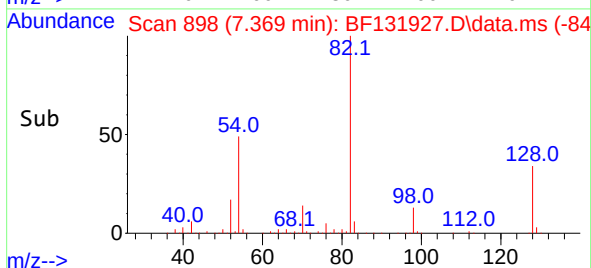
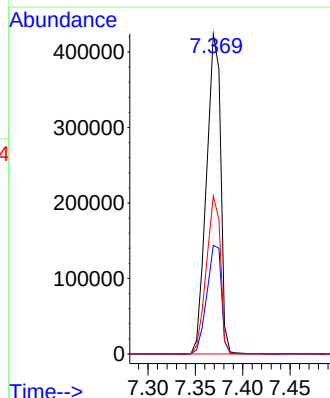
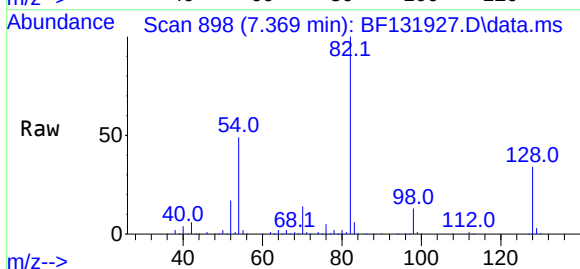
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	9.0	6.7	10.1
68	6.6	4.8	7.2

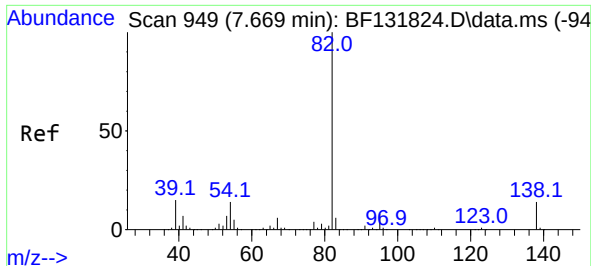


#23
Nitrobenzene-d5
Concen: 68.262 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion: 82 Resp: 441057

Ion	Ratio	Lower	Upper
82	100		
128	34.0	27.1	40.7
54	49.3	37.0	55.6

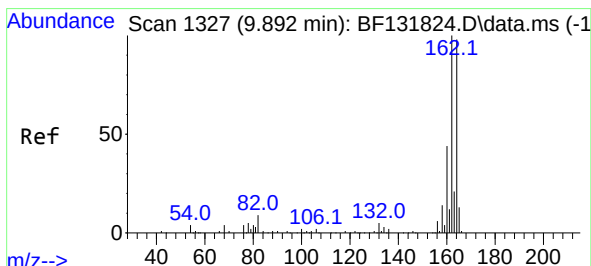
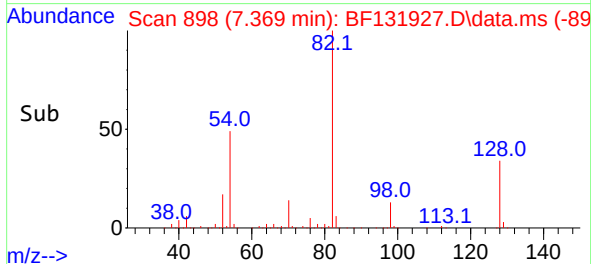
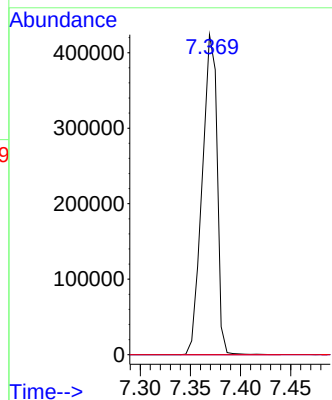
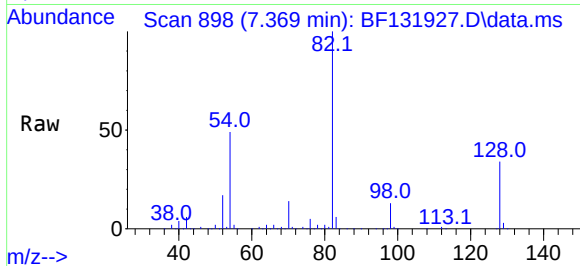




#25
Isophorone
Concen: 41.806 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

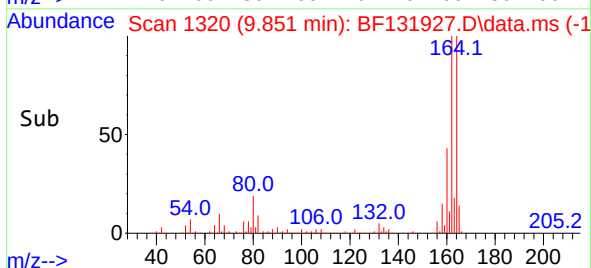
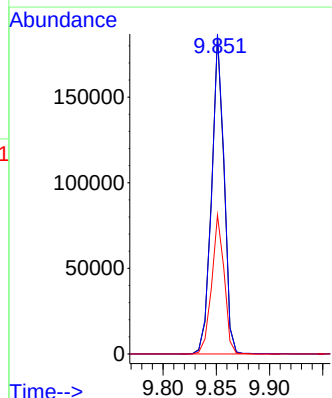
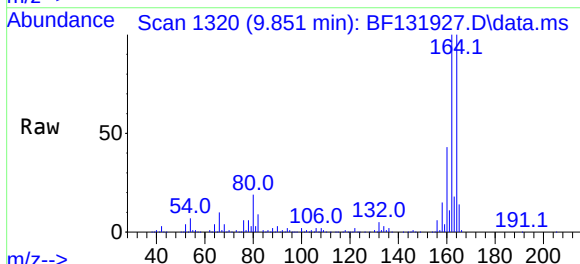
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

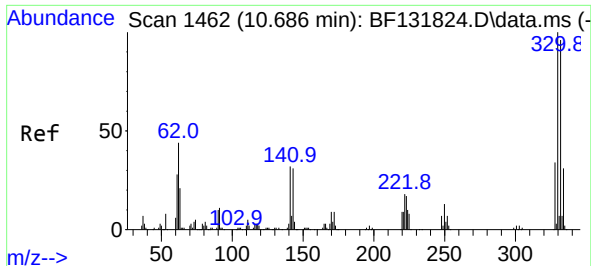
Tgt Ion: 82 Resp: 441122
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

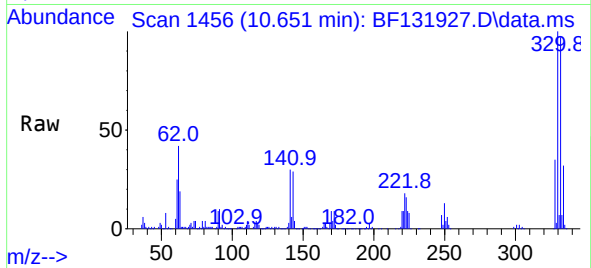
Tgt Ion: 164 Resp: 150938
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 43.6 35.7 53.5



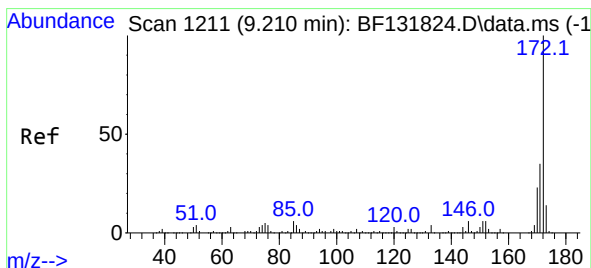
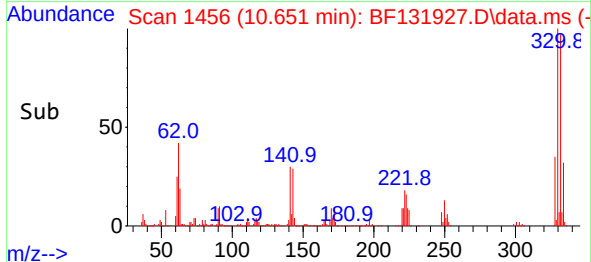
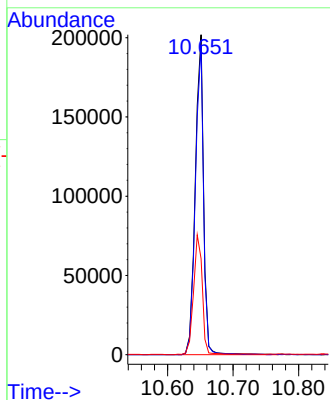


#42
2,4,6-Tribromophenol
Concen: 108.300 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

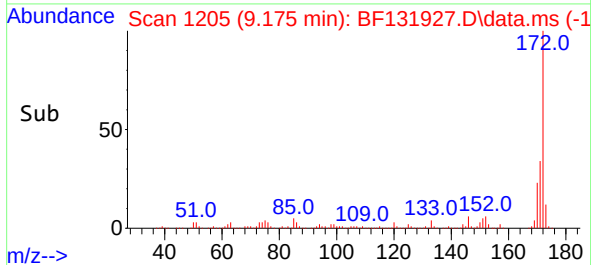
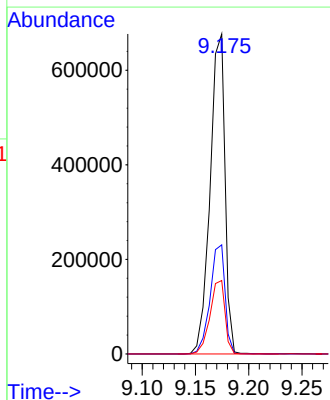
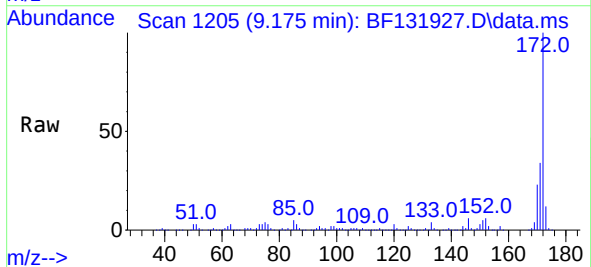


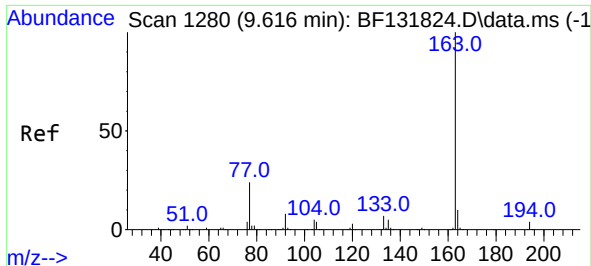
Tgt Ion:330 Resp: 177606
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 39.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 59.640 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:172 Resp: 657203
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.0 18.7 28.1

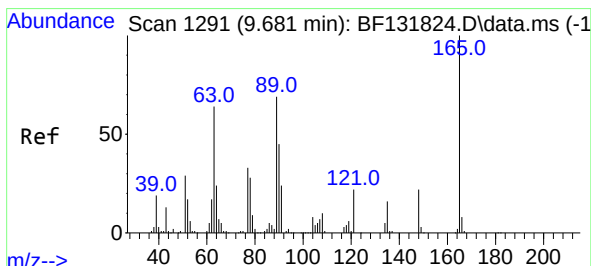
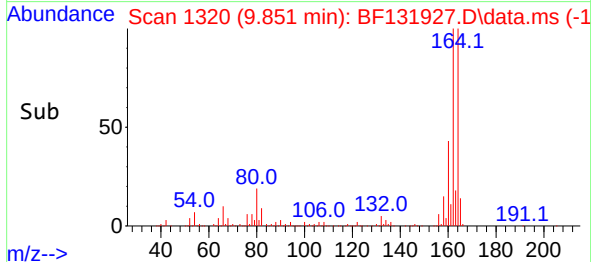
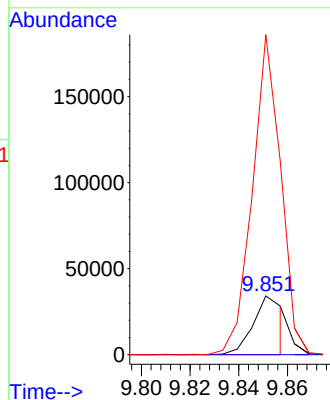
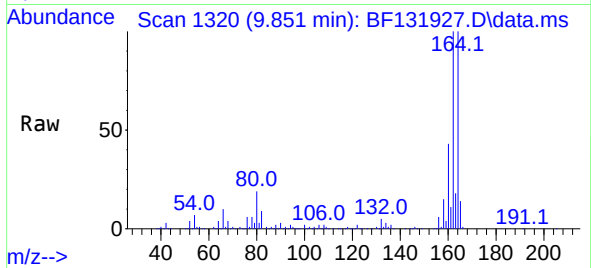




#50
Dimethylphthalate
Concen: 2.521 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

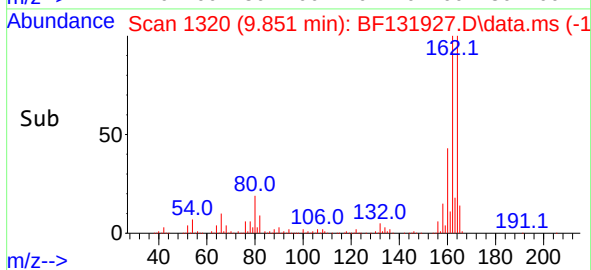
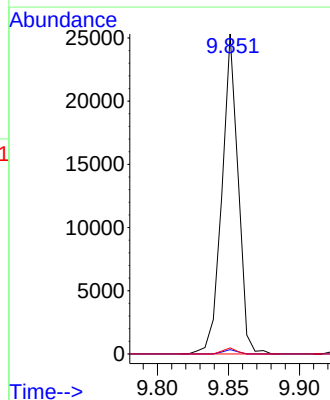
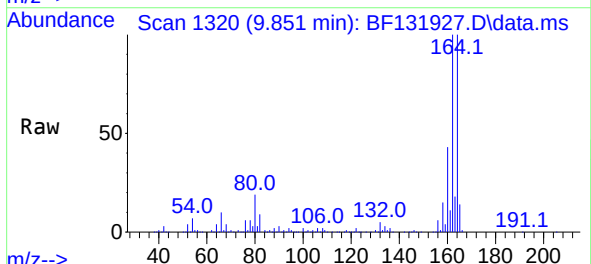
Instrument :
BNA_F
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COMP-1-1-4-2023

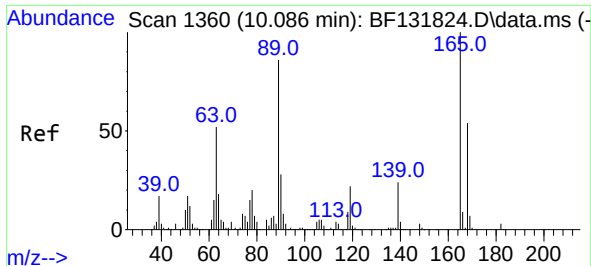
Tgt Ion:163 Resp: 28786
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 544.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.109 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

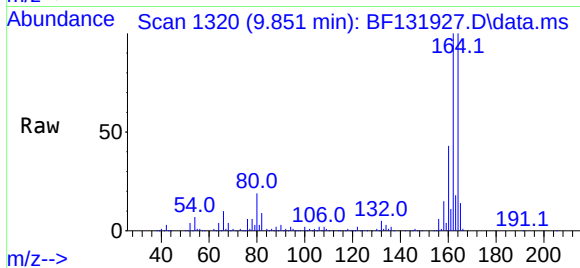
Tgt Ion:165 Resp: 20045
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 1.9 55.0 82.4#



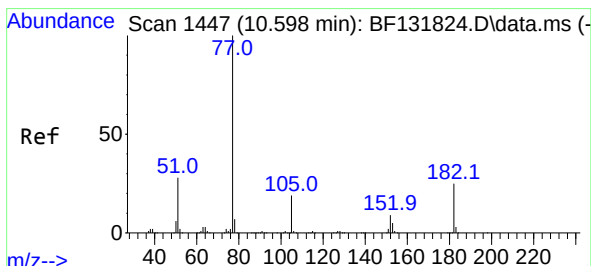
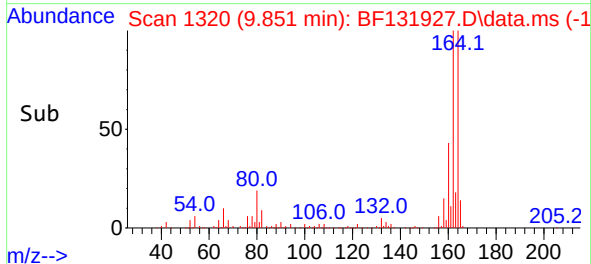
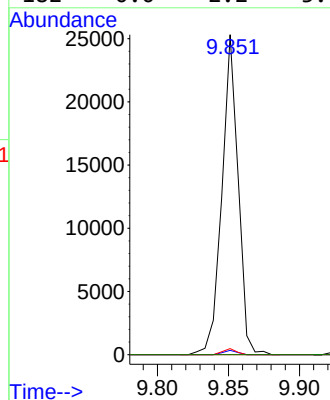


#57
2,4-Dinitrotoluene
Concen: 5.929 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

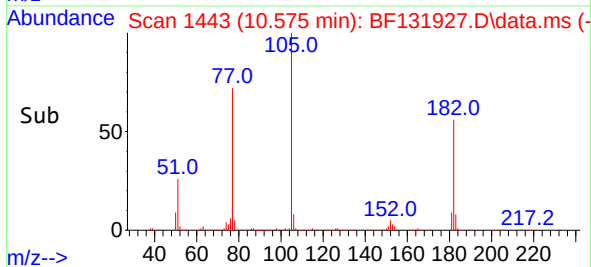
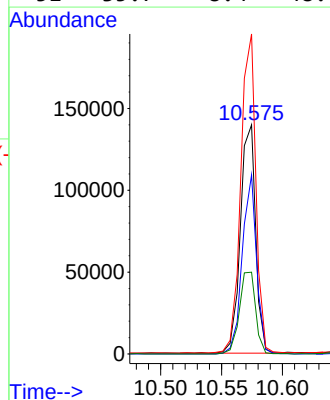
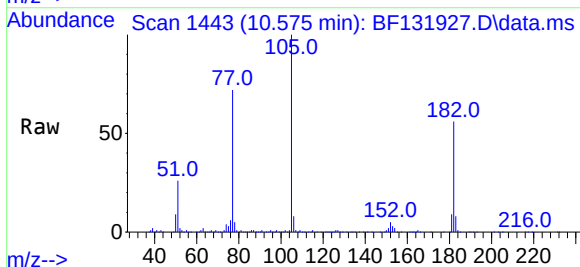


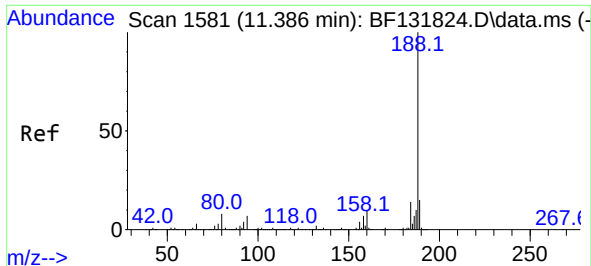
Tgt Ion:165	Resp:	20045
Ion	Ratio	Lower Upper
165	100	
63	1.4	42.1 63.1#
89	1.9	69.1 103.7#
182	0.0	2.2 3.4#



#63
Azobenzene
Concen: 9.993 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion: 77	Resp:	121889
Ion	Ratio	Lower Upper
77	100	
182	78.1	5.0 45.0#
105	139.6	0.0 39.4#
51	35.7	8.4 48.4

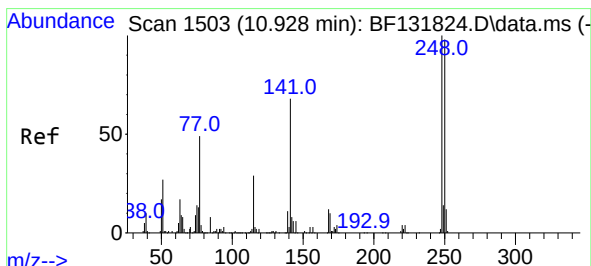
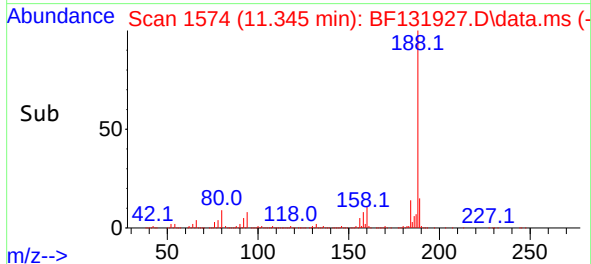
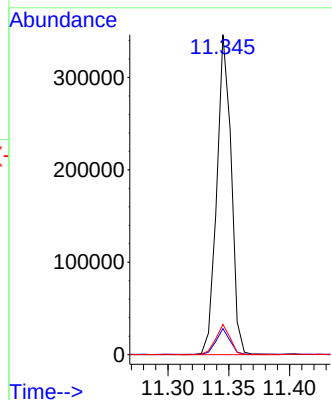
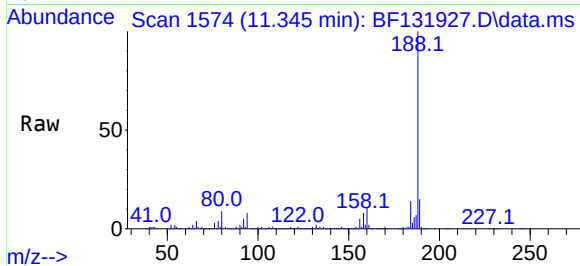




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

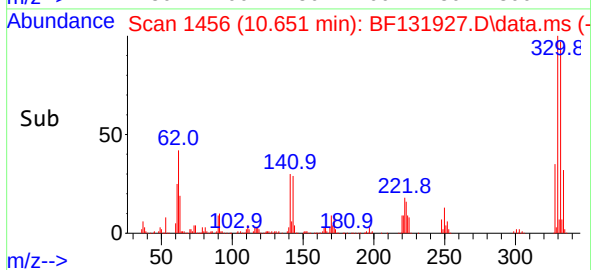
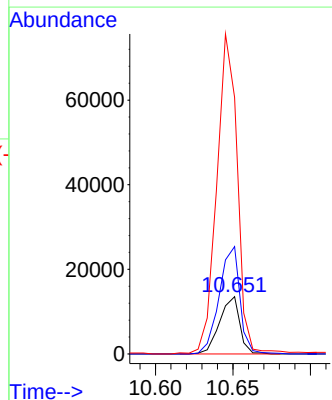
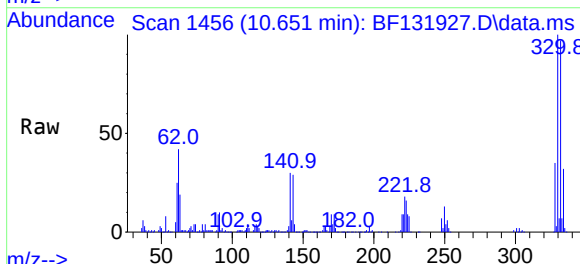
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

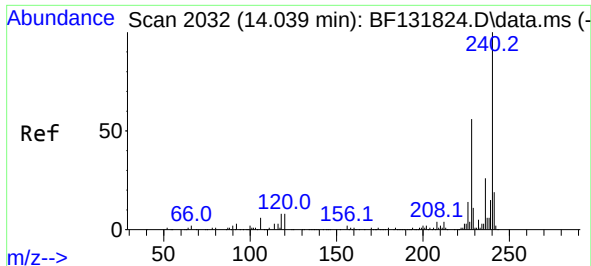
Tgt Ion:188 Resp: 284983
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 9.5 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:248 Resp: 12240
Ion Ratio Lower Upper
248 100
250 187.5 78.0 117.0#
141 447.7 54.8 82.2#

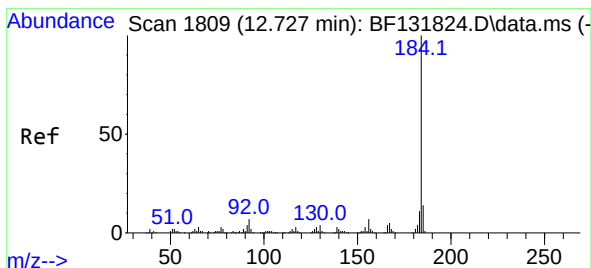
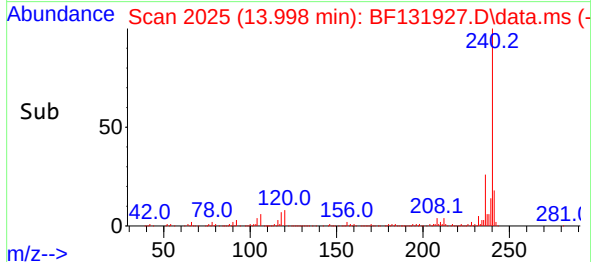
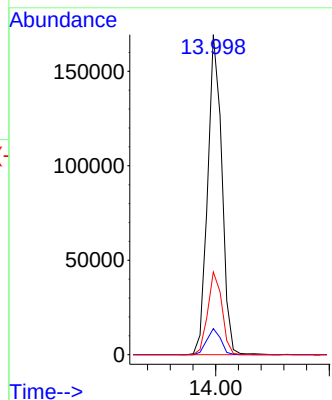
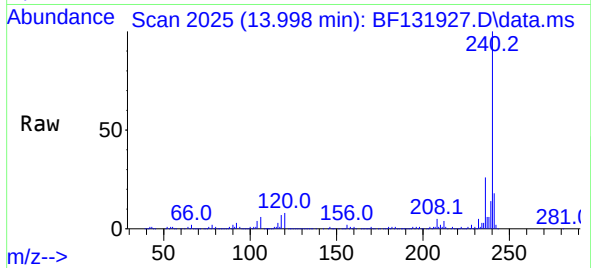




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

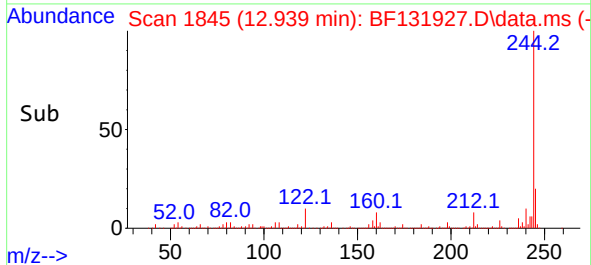
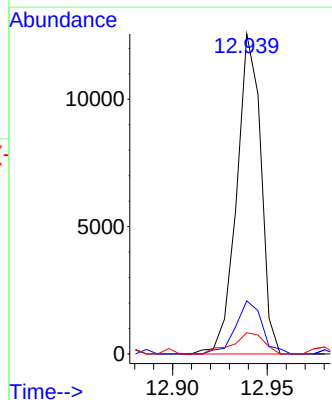
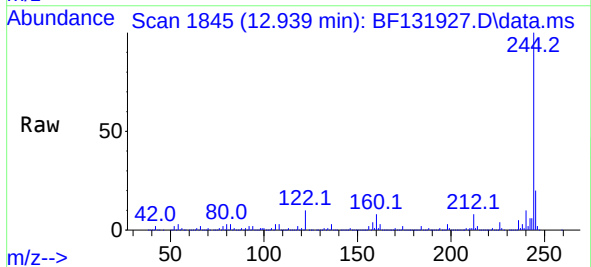
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

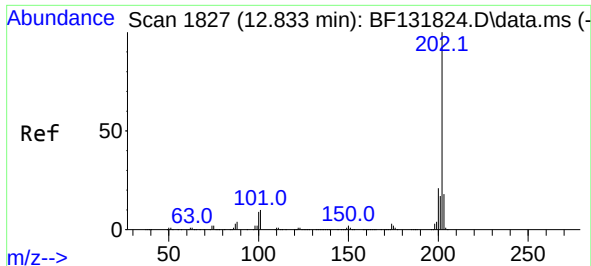
Tgt Ion:240 Resp: 146425
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 25.9 20.6 31.0



#77
Benzidine
Concen: 4.620 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.247 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:184 Resp: 11116
Ion Ratio Lower Upper
184 100
185 16.6 11.6 17.4
183 6.7 9.0 13.4

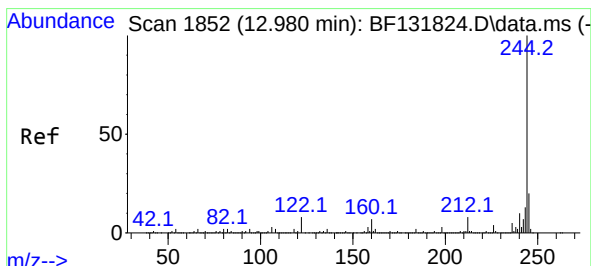
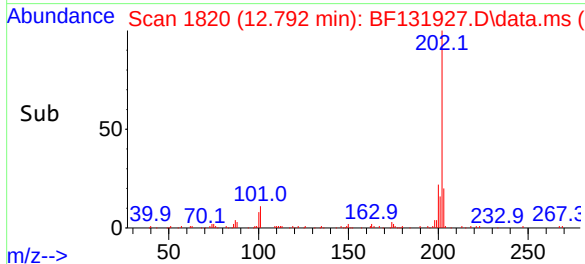
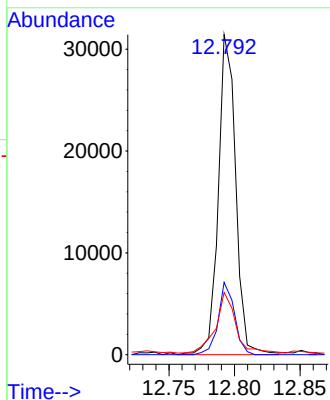
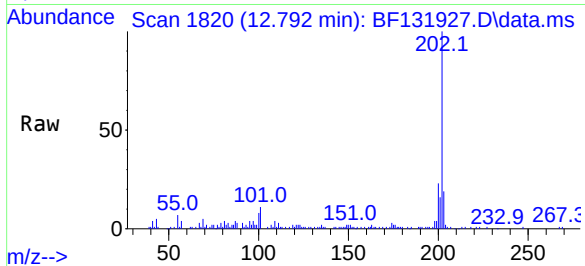




#78
Pyrene
Concen: 2.354 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

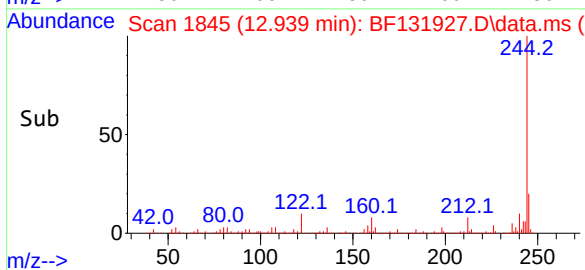
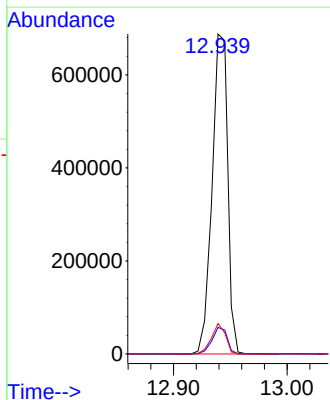
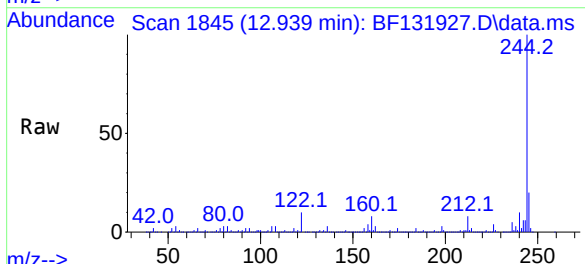
Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

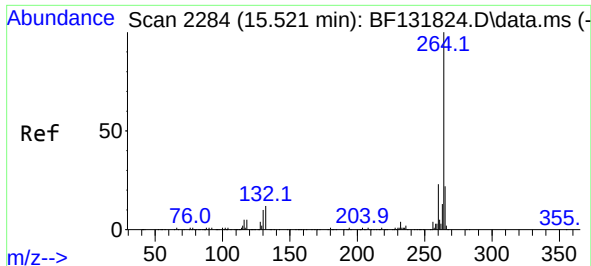
Tgt Ion:	202	Resp:	28887
Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.7	25.1
203	19.5	14.4	21.6



#79
Terphenyl-d14
Concen: 76.012 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:	244	Resp:	657991
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.3	9.5
122	9.5	6.4	9.6

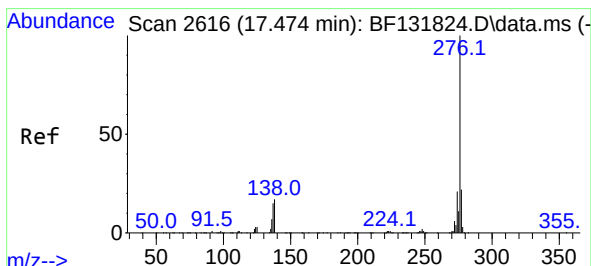
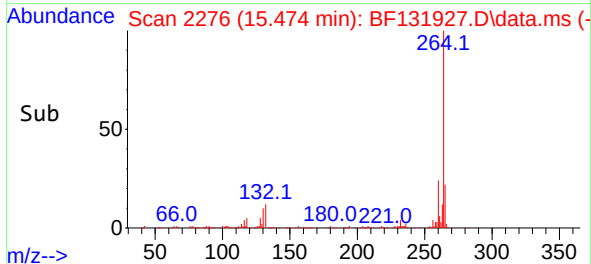
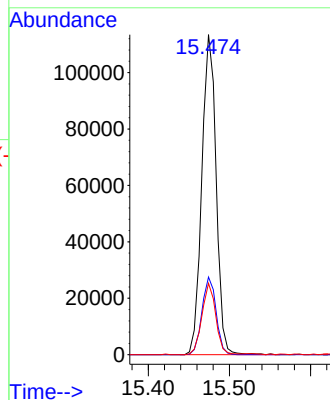
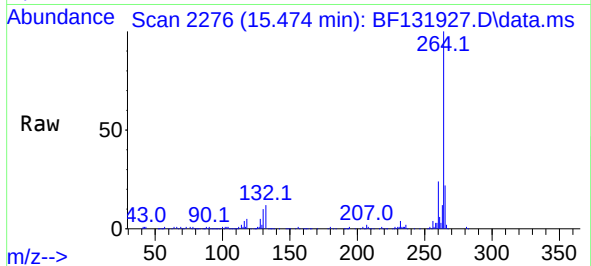




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Instrument :
BNA_F
ClientSampleId :
COMP-1-1-4-2023

Tgt Ion:264 Resp: 139060
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.3 17.4 26.0



#92
Benzo(g,h,i)perylene
Concen: 5.590 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.017 min
Lab File: BF131927.D
Acq: 05 Jan 2023 21:40

Tgt Ion:276 Resp: 3293
Ion Ratio Lower Upper
276 100
277 37.5 17.9 26.9#
138 10.7 13.7 20.5#

