

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131487.D
 Acq On : 01 Dec 2022 13:18
 Operator : CG\JU
 Sample : N5806-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 02 03:25:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

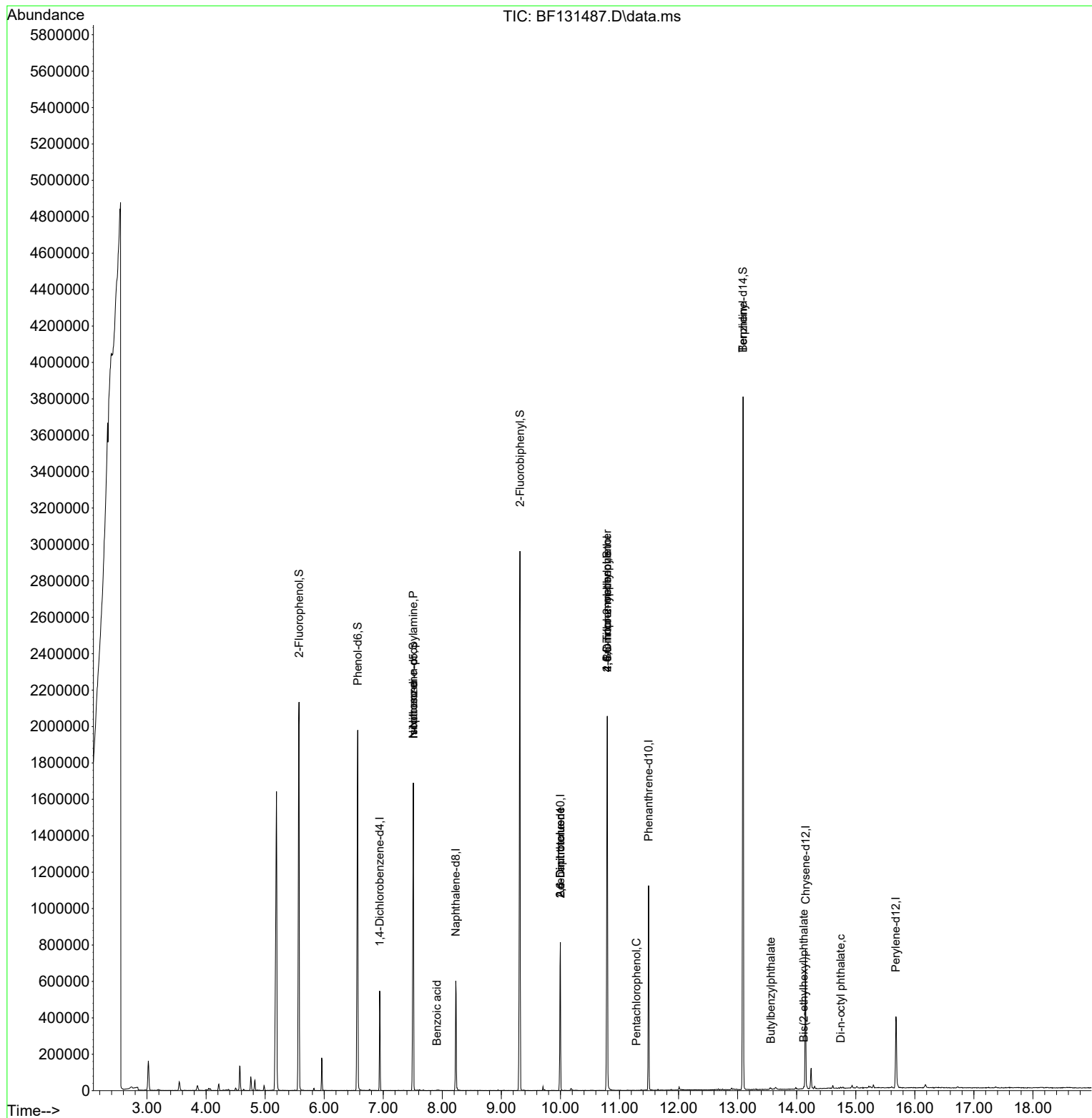
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	74398	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	267630	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	165012	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	379525	20.000	ng	-0.01
76) Chrysene-d12	14.151	240	268128	20.000	ng	0.00
86) Perylene-d12	15.680	264	191733	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	590344	151.019	ng	0.02
7) Phenol-d6	6.569	99	679205	136.181	ng	0.00
23) Nitrobenzene-d5	7.510	82	560529	105.577	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	244105	175.835	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	972417	85.733	ng	0.00
79) Terphenyl-d14	13.092	244	1481863	90.376	ng	0.00
Target Compounds						
9) Benzaldehyde	6.569	77	1098	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	7.510	70	76706	21.009 ng	#	71
25) Isophorone	7.510	82	560516	59.175 ng	#	68
32) Benzoic acid	7.910	122	645	5.459 ng	#	92
51) 2,6-Dinitrotoluene	9.998	165	21747	9.458 ng	#	14
57) 2,4-Dinitrotoluene	9.998	165	21747	7.517 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.792	198	586	4.977 ng	#	1
67) 4-Bromophenyl-phenylether	10.792	248	16126	3.467 ng	#	1
70) Pentachlorophenol	11.286	266	183	4.938 ng	#	19
77) Benzidine	13.092	184	18966	3.829 ng	#	92
80) Butylbenzylphthalate	13.563	149	1143	4.275 ng	#	79
84) Bis(2-ethylhexyl)phtha...	14.121	149	3159	4.025 ng	#	97
85) Di-n-octyl phthalate	14.745	149	3218	4.147 ng	#	60

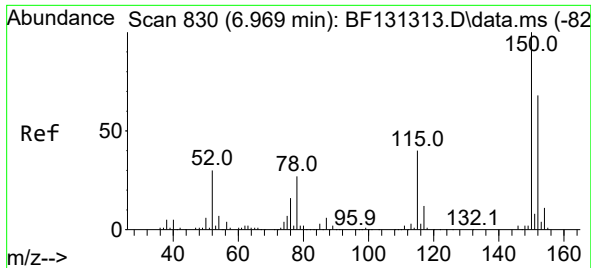
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131487.D
Acq On : 01 Dec 2022 13:18
Operator : CG\JU
Sample : N5806-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Dec 02 03:25:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 12:46:17 2022
Response via : Initial Calibration

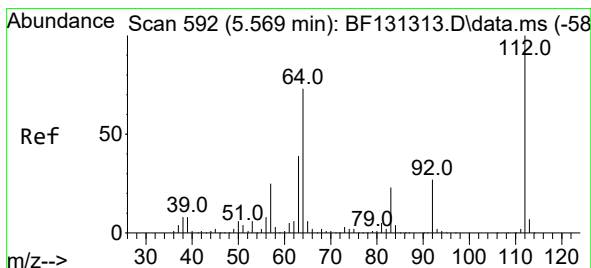
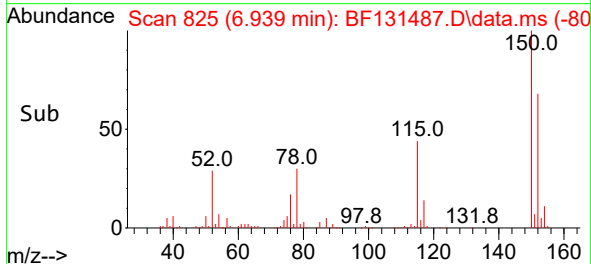
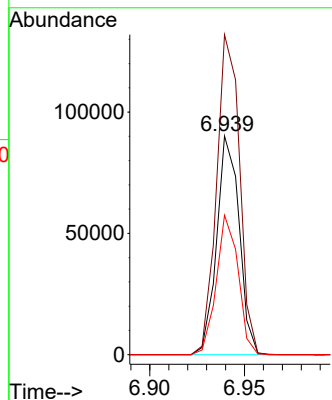
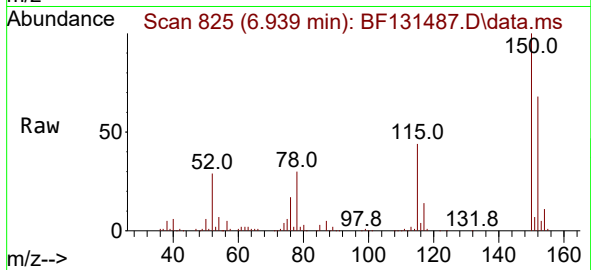




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

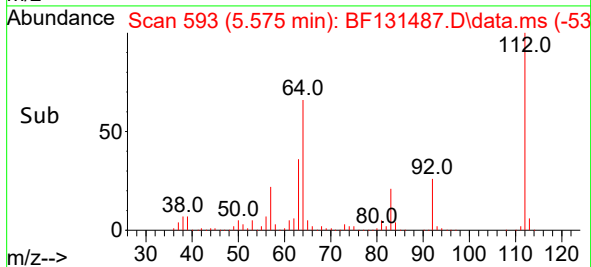
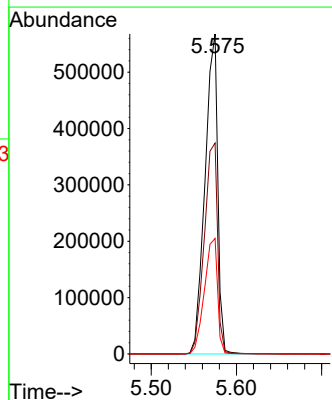
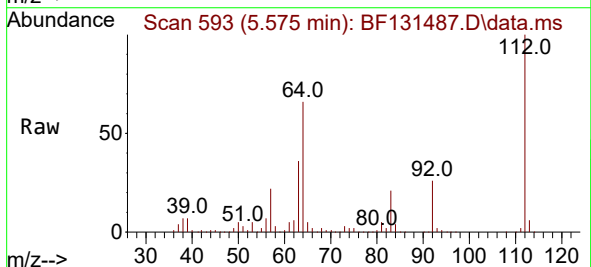
Instrument :
BNA_F
ClientSampleId :
COMP-1

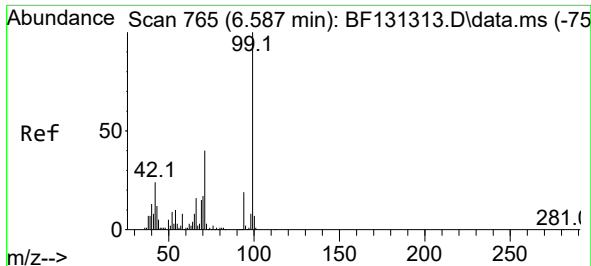
Tgt Ion:152 Resp: 74398
Ion Ratio Lower Upper
152 100
150 146.2 117.8 176.8
115 63.8 47.1 70.7



#5
2-Fluorophenol
Concen: 151.019 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion:112 Resp: 590344
Ion Ratio Lower Upper
112 100
64 65.9 58.6 88.0
63 36.1 31.4 47.0

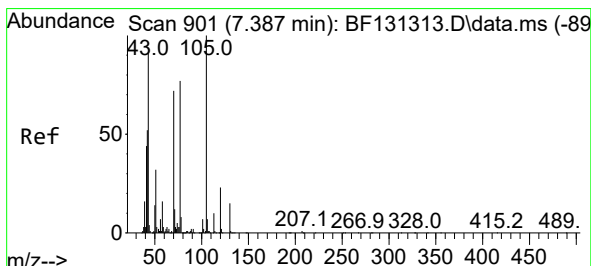
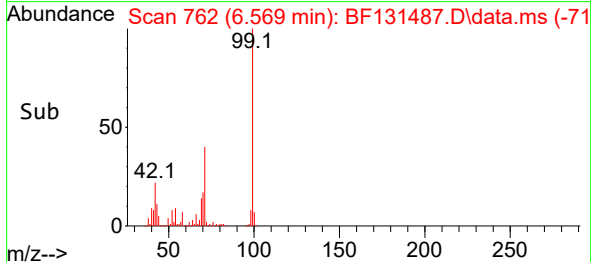
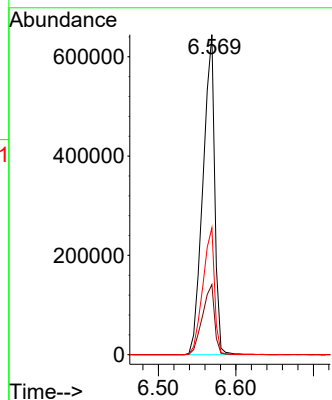
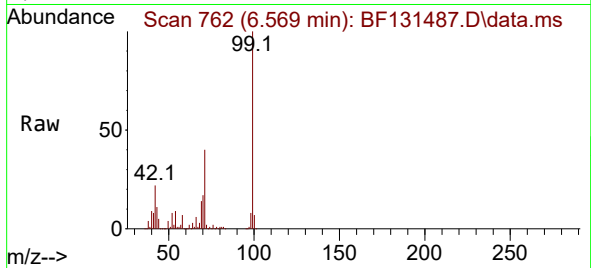




#7
Phenol-d6
Concen: 136.181 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

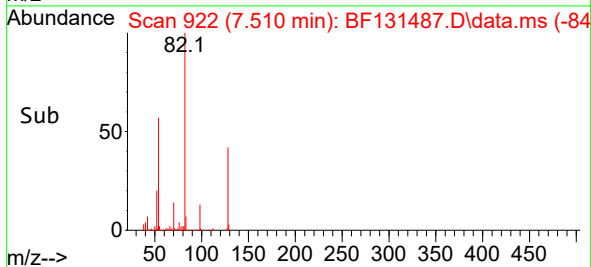
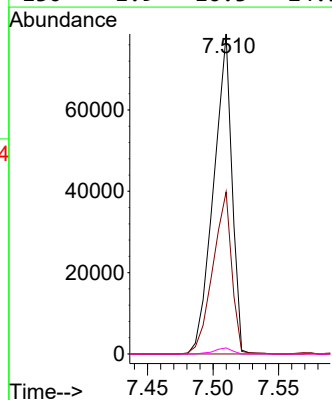
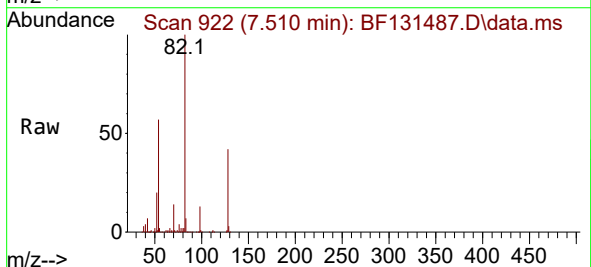
Instrument :
BNA_F
ClientSampleId :
COMP-1

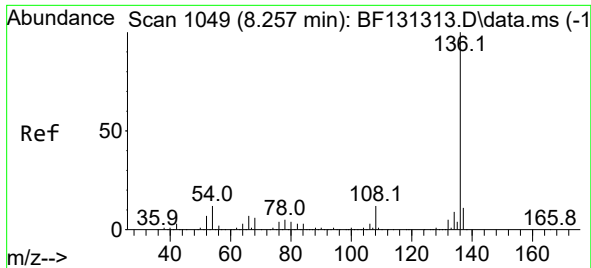
Tgt Ion: 99 Resp: 679205
Ion Ratio Lower Upper
99 100
42 21.9 19.4 29.2
71 39.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.009 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion: 70 Resp: 76706
Ion Ratio Lower Upper
70 100
42 50.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

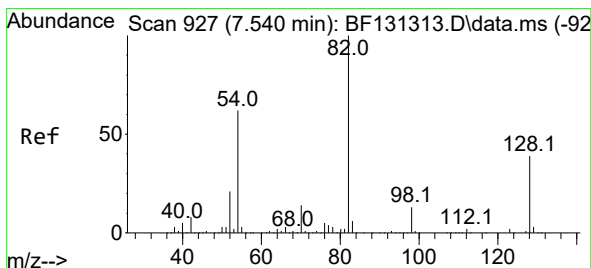
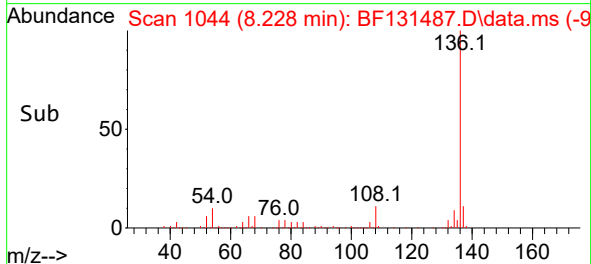
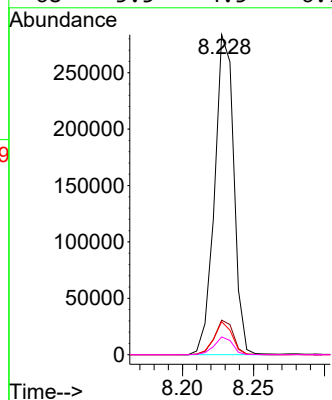
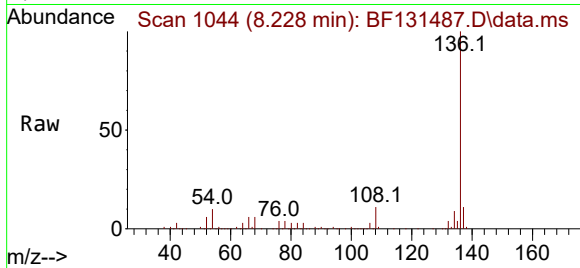




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

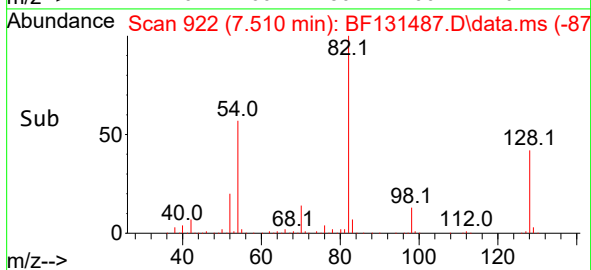
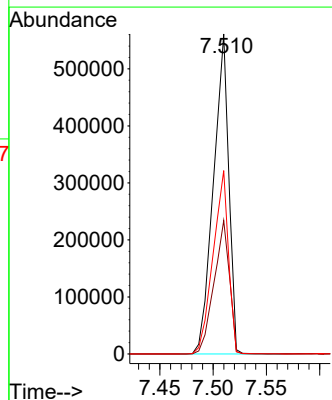
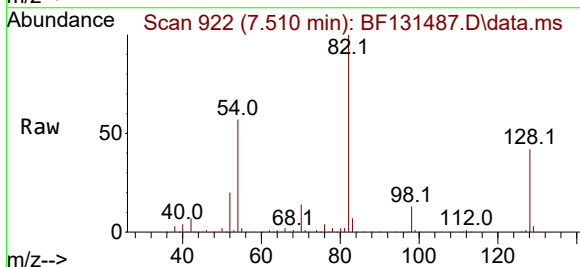
Instrument :
BNA_F
ClientSampleId :
COMP-1

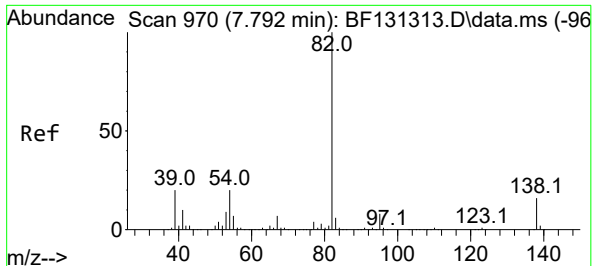
Tgt Ion:136 Resp: 267630
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.3 9.4 14.0
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 105.577 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion: 82 Resp: 560529
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 57.3 49.8 74.6

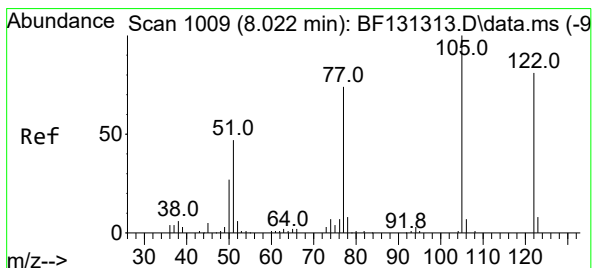
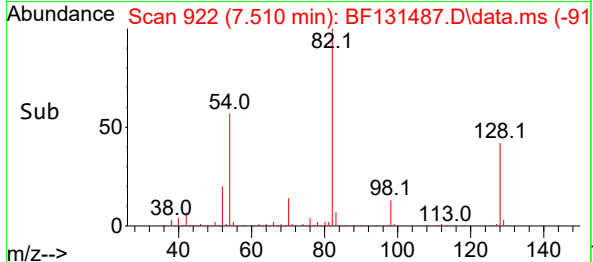
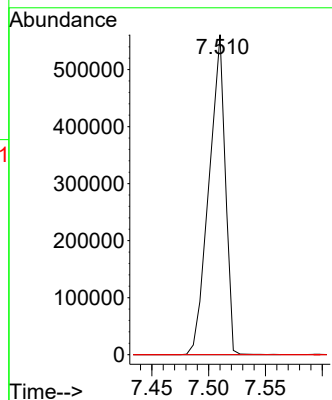
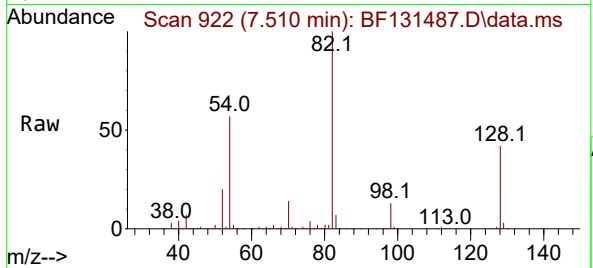




#25
Isophorone
Concen: 59.175 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

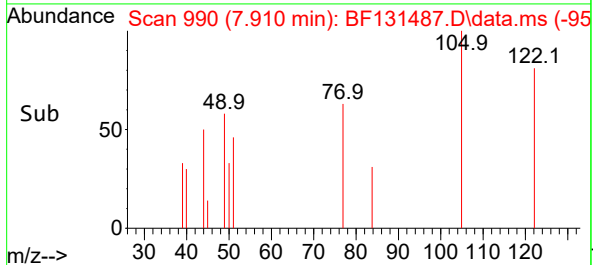
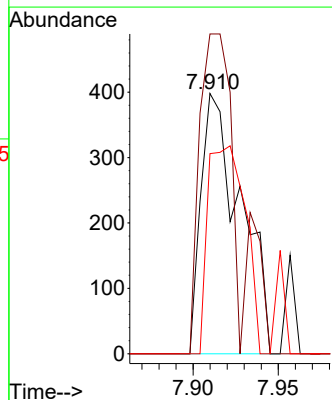
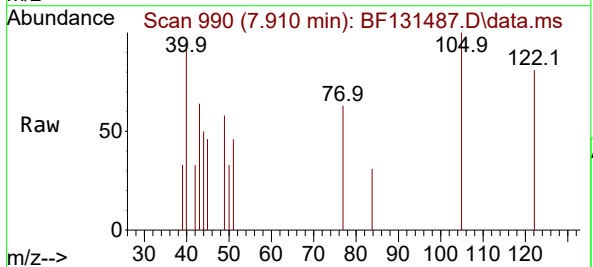
Instrument :
BNA_F
ClientSampleId :
COMP-1

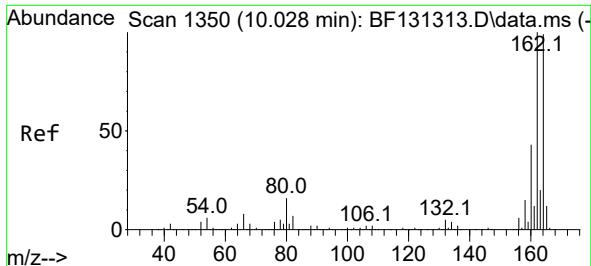
Tgt Ion: 82 Resp: 560516
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.459 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.088 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion: 122 Resp: 645
Ion Ratio Lower Upper
122 100
105 122.9 103.8 143.8
77 76.9 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131487.D

Acq: 01 Dec 2022 13:18

Instrument :

BNA_F

ClientSampleId :

COMP-1

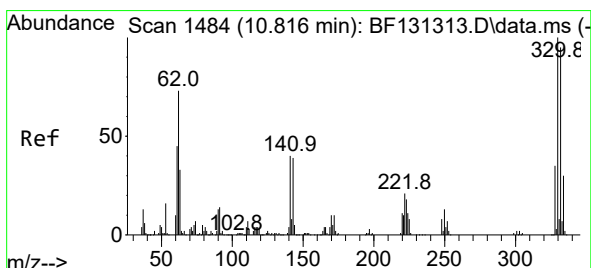
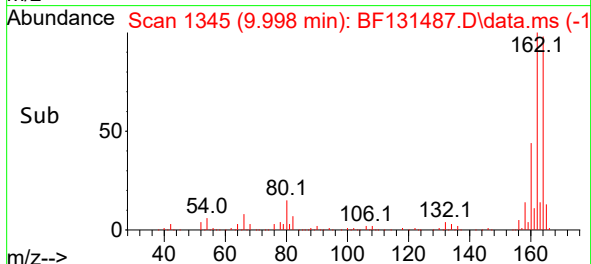
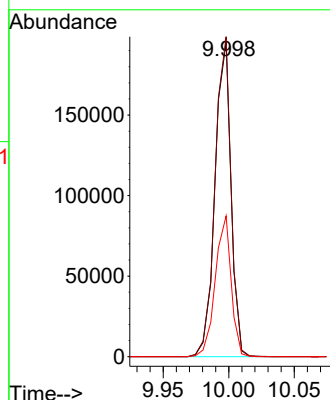
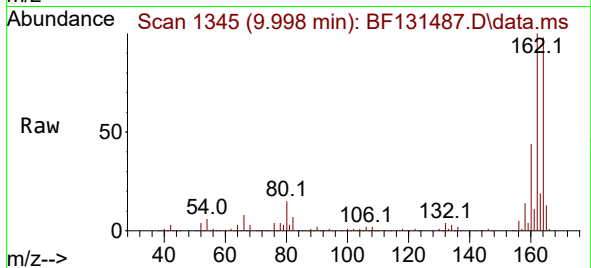
Tgt Ion:164 Resp: 165012

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 44.7 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 175.835 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131487.D

Acq: 01 Dec 2022 13:18

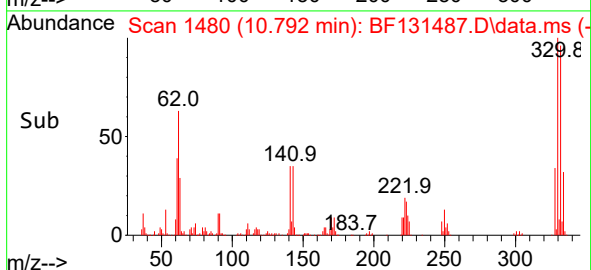
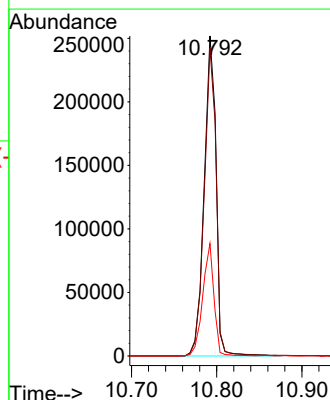
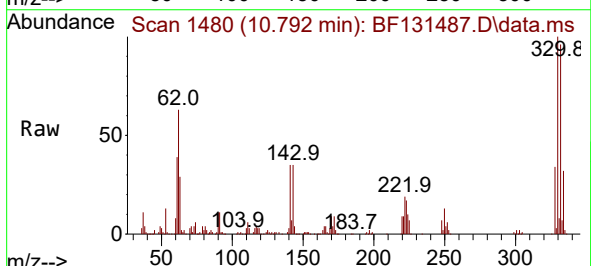
Tgt Ion:330 Resp: 244105

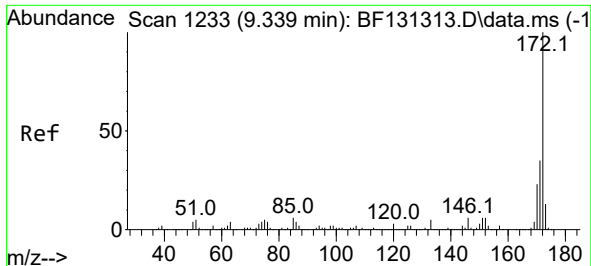
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 33.4 29.3 43.9

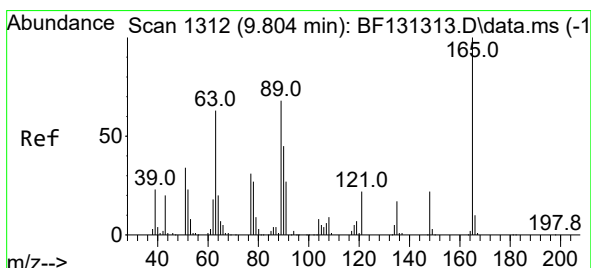
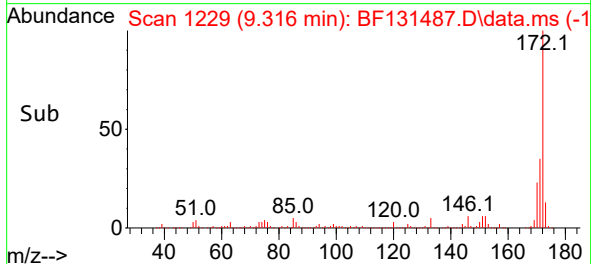
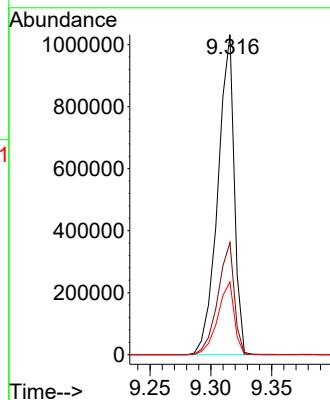
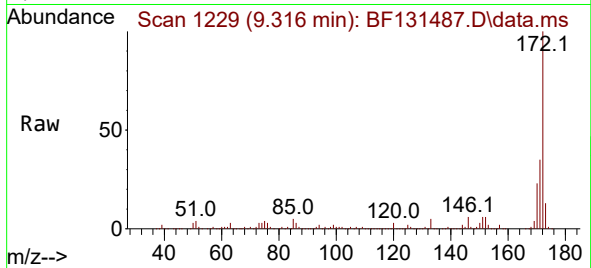




#45
2-Fluorobiphenyl
Concen: 85.733 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

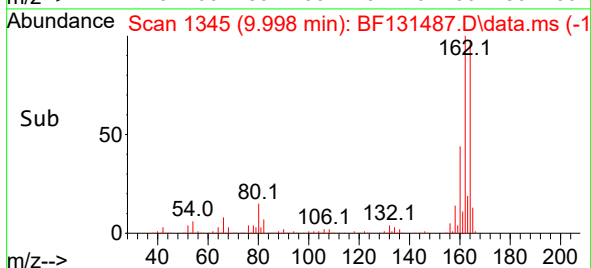
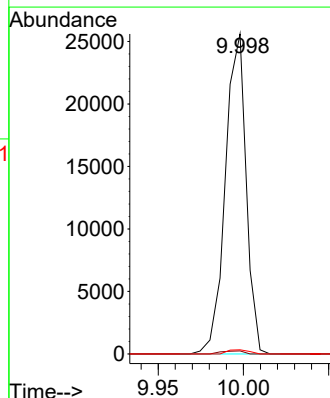
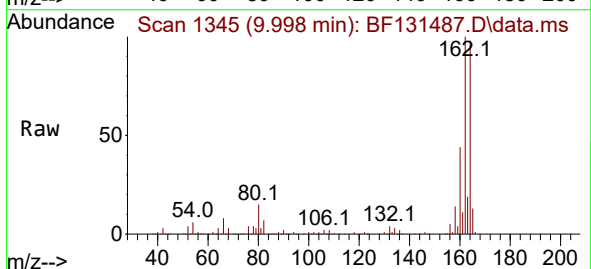
Instrument :
BNA_F
ClientSampleId :
COMP-1

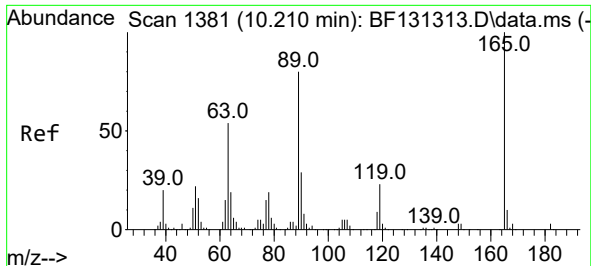
Tgt Ion:172 Resp: 972417
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 22.7 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.458 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.212 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion:165 Resp: 21747
Ion Ratio Lower Upper
165 100
63 1.0 62.0 93.0#
89 1.3 54.4 81.6#

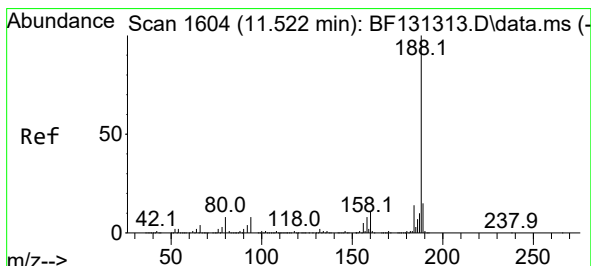
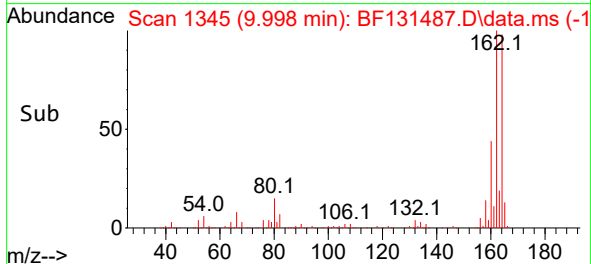
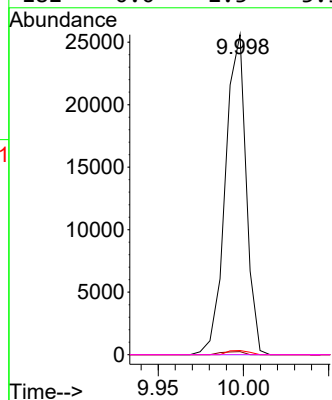
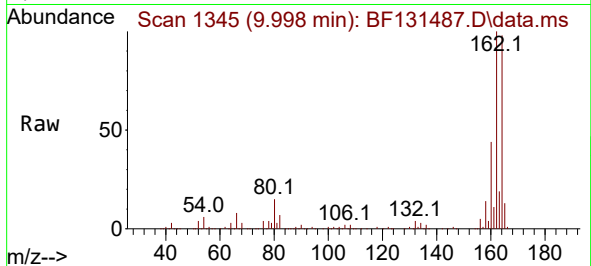




#57
2,4-Dinitrotoluene
Concen: 7.517 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

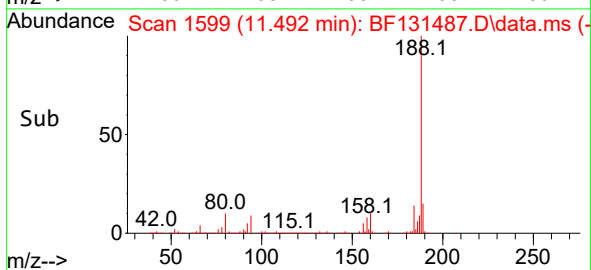
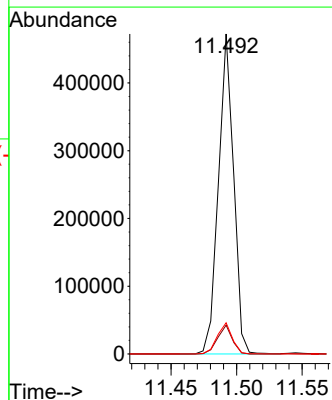
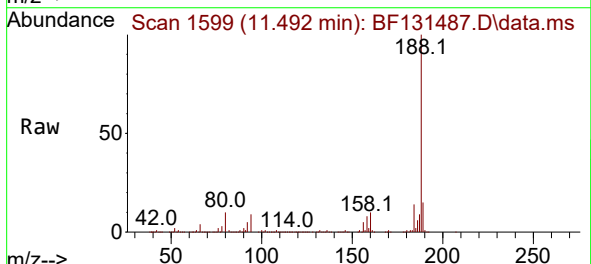
Instrument :
BNA_F
ClientSampleId :
COMP-1

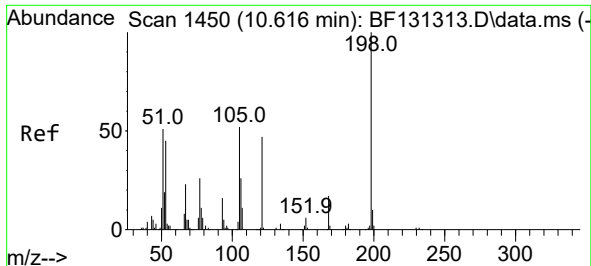
Tgt Ion:165 Resp: 21747
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion:188 Resp: 379525
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 9.8 6.8 10.2

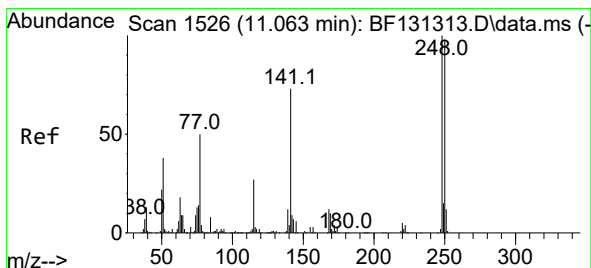
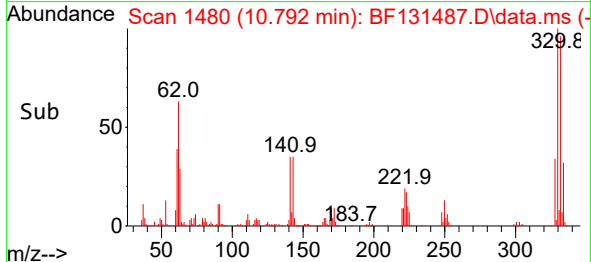
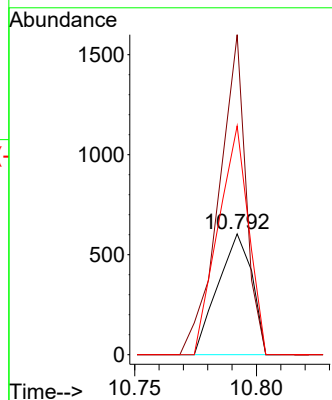
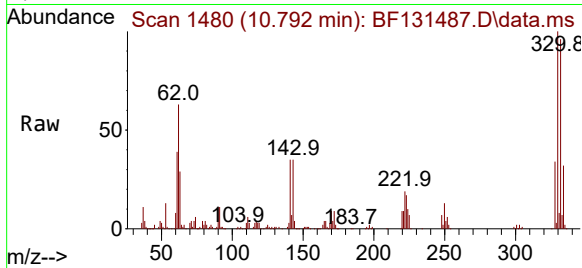




#65
4,6-Dinitro-2-methylphenol
Concen: 4.977 ng
RT: 10.792 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

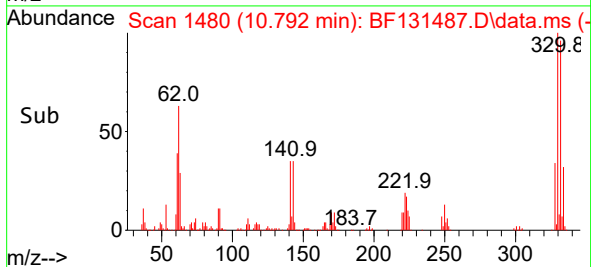
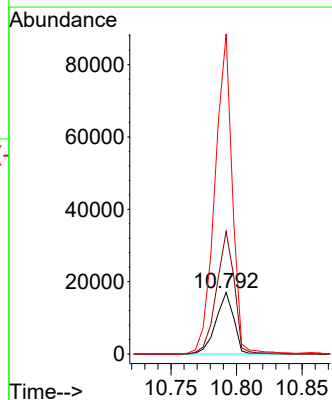
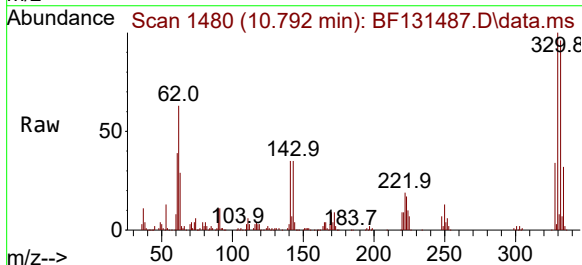
Instrument :
BNA_F
ClientSampleId :
COMP-1

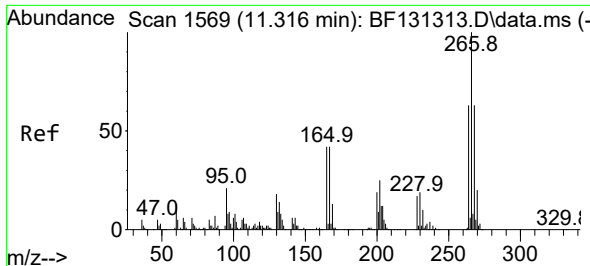
Tgt Ion:198 Resp: 586
Ion Ratio Lower Upper
198 100
51 264.9 50.1 90.1#
105 189.4 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.247 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion:248 Resp: 16126
Ion Ratio Lower Upper
248 100
250 199.3 78.3 117.5#
141 520.6 58.0 87.0#

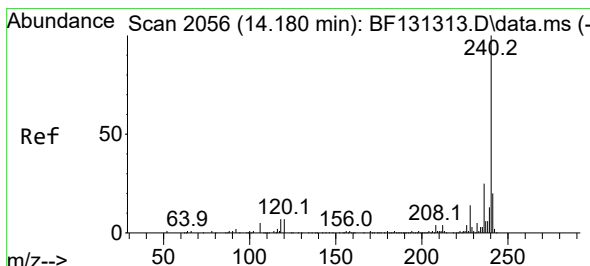
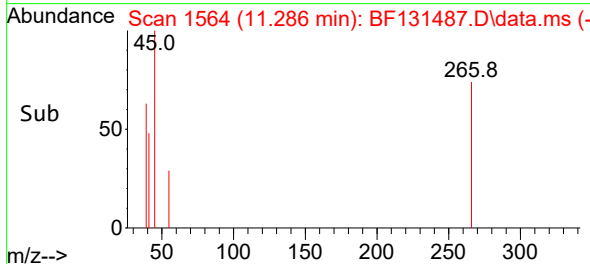
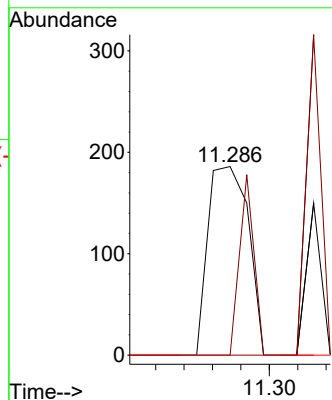
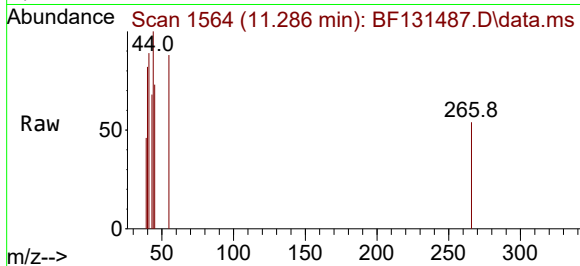




#70
 Pentachlorophenol
 Concen: 4.938 ng
 RT: 11.286 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF131487.D
 Acq: 01 Dec 2022 13:18

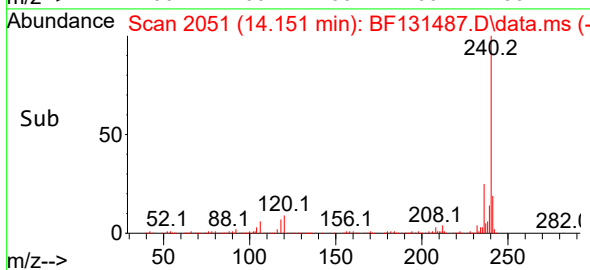
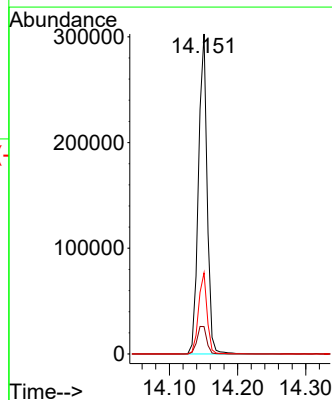
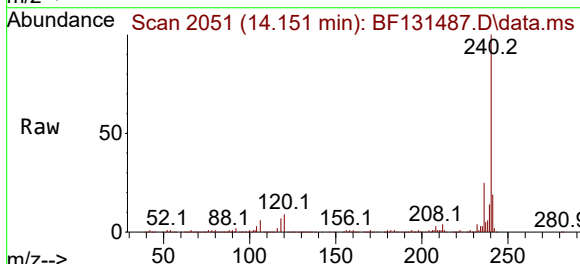
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

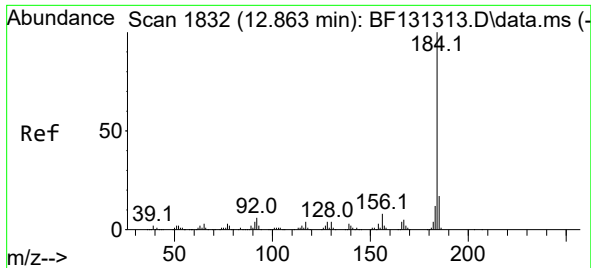
Tgt Ion:266 Resp: 183
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.6 75.8#
 264 0.0 50.4 75.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.151 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131487.D
 Acq: 01 Dec 2022 13:18

Tgt Ion:240 Resp: 268128
 Ion Ratio Lower Upper
 240 100
 120 8.5 5.8 8.8
 236 25.3 20.3 30.5

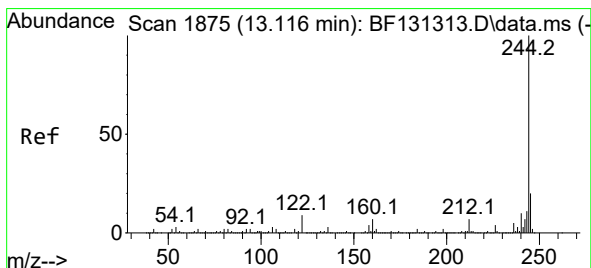
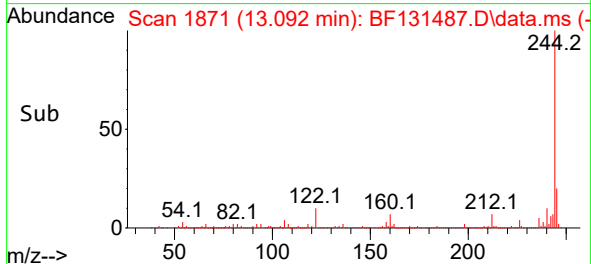
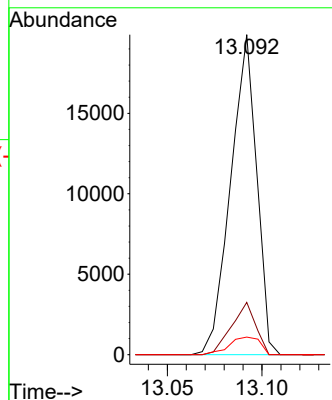
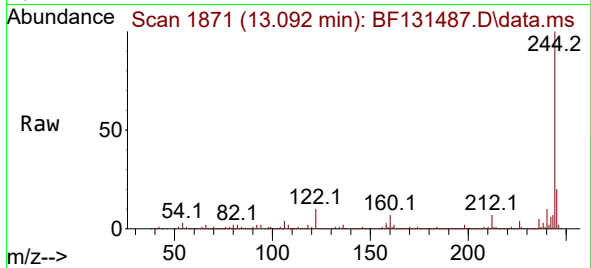




#77
Benzidine
Concen: 3.829 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.247 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

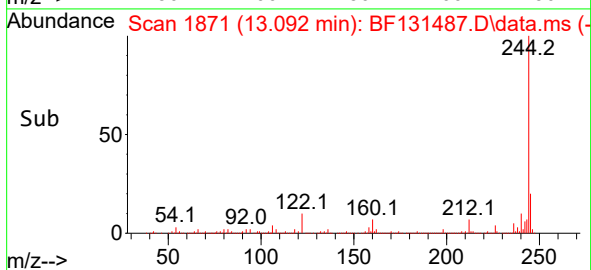
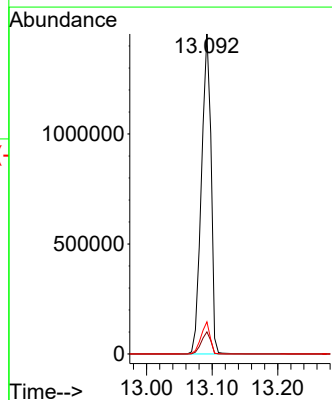
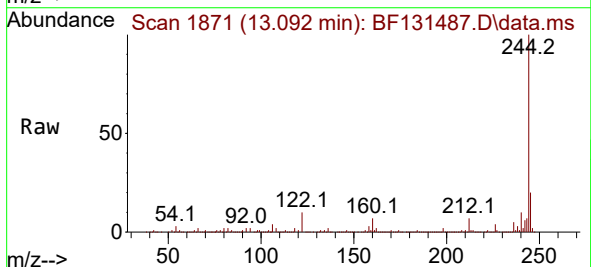
Instrument :
BNA_F
ClientSampleId :
COMP-1

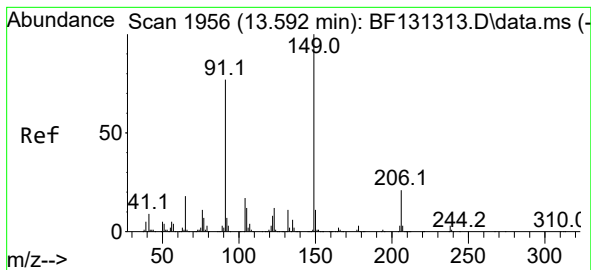
Tgt Ion:184 Resp: 18966
Ion Ratio Lower Upper
184 100
185 16.3 13.8 20.8
183 5.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 90.376 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion:244 Resp: 1481863
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.1 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.275 ng

RT: 13.563 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131487.D

Acq: 01 Dec 2022 13:18

Instrument :

BNA_F

ClientSampleId :

COMP-1

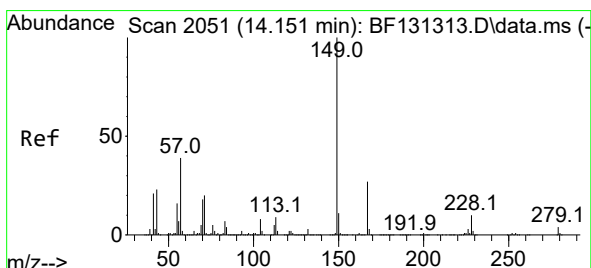
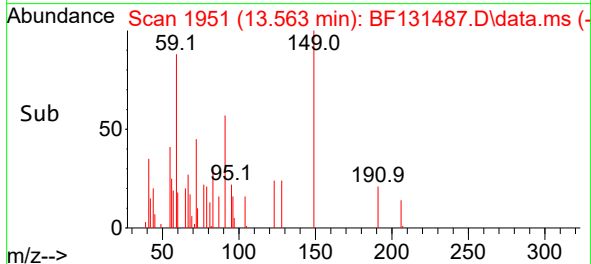
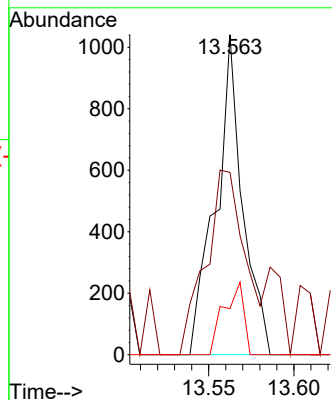
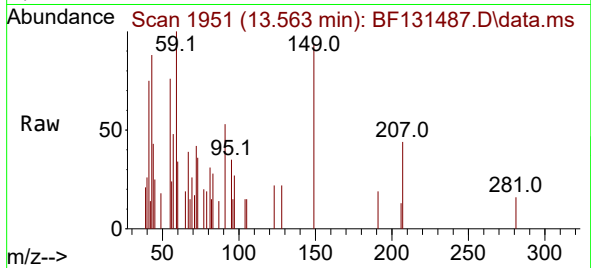
Tgt Ion:149 Resp: 1143

Ion Ratio Lower Upper

149 100

91 57.0 61.9 92.9#

206 14.4 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.025 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BF131487.D

Acq: 01 Dec 2022 13:18

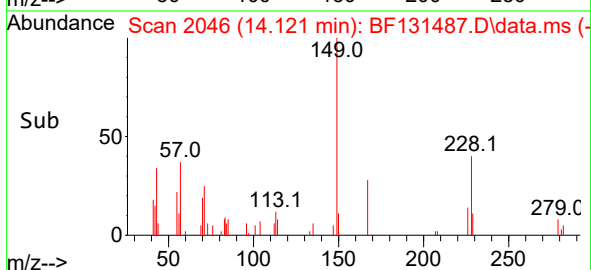
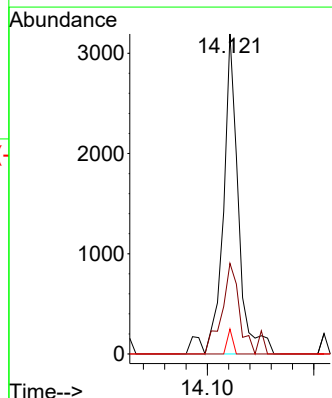
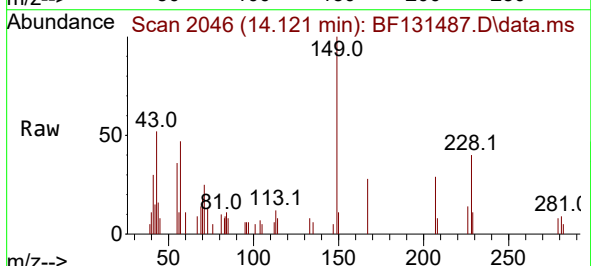
Tgt Ion:149 Resp: 3159

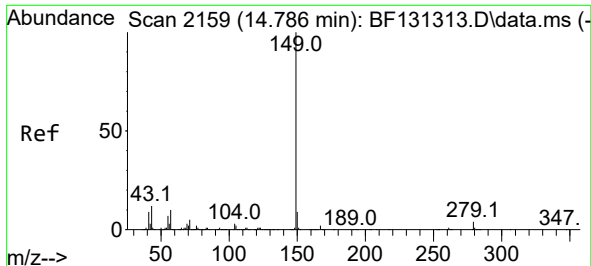
Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

279 7.8 3.0 4.4#

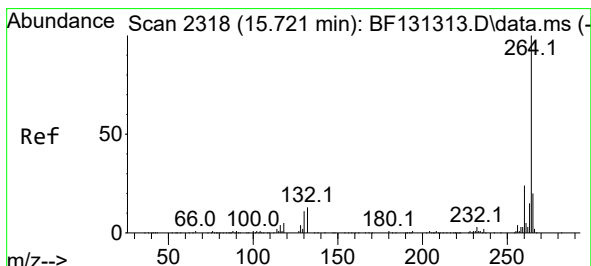
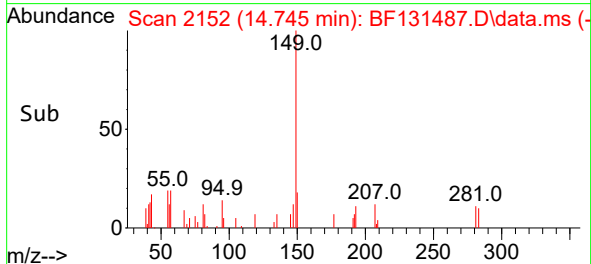
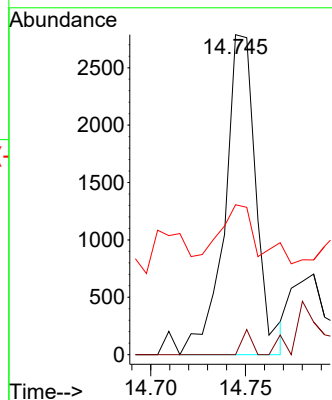
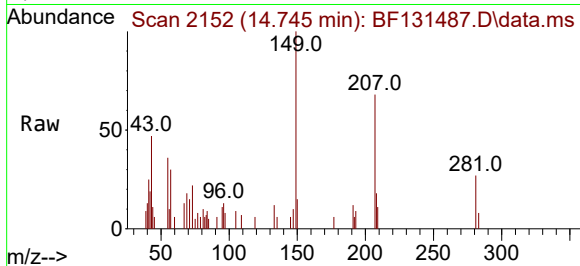




#85
Di-n-octyl phthalate
Concen: 4.147 ng
RT: 14.745 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 3218
Ion Ratio Lower Upper
149 100
167 2.4 1.2 1.8#
43 31.1 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2311
Delta R.T. -0.012 min
Lab File: BF131487.D
Acq: 01 Dec 2022 13:18

Tgt Ion:264 Resp: 191733
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.3 16.4 24.6

