

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132061.D
 Acq On : 13 Jan 2023 16:09
 Operator : CG\JU
 Sample : 01133-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2

Quant Time: Jan 16 01:17:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

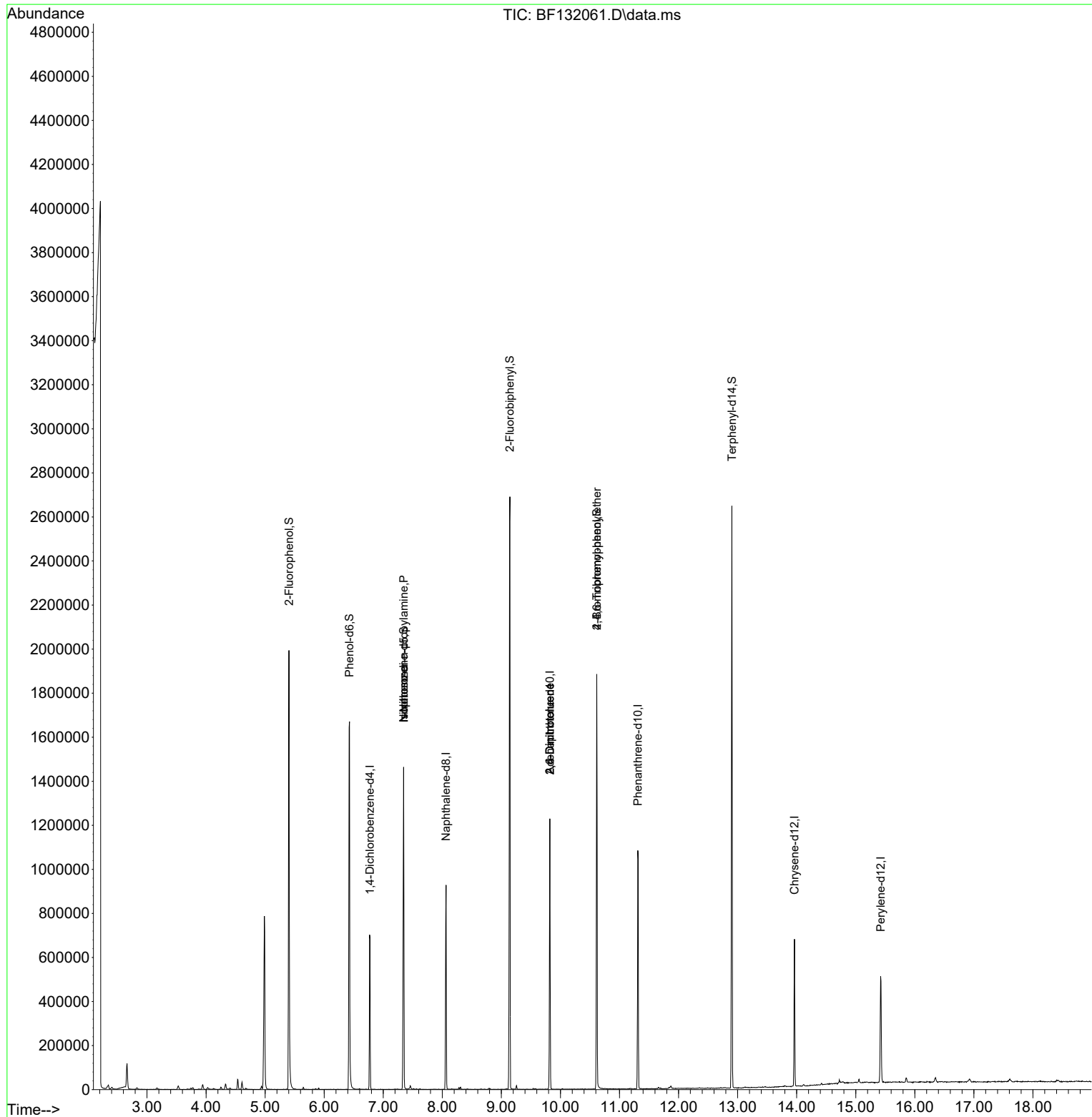
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	102217	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	366480	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	218712	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	405154	20.000	ng	0.00
76) Chrysene-d12	13.963	240	203350	20.000	ng	0.00
86) Perylene-d12	15.421	264	223248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	487096	78.522	ng	0.02
7) Phenol-d6	6.428	99	585286	71.161	ng	0.00
23) Nitrobenzene-d5	7.345	82	478196	54.155	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	196777	78.250	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	846813	52.268	ng	0.00
79) Terphenyl-d14	12.904	244	858798	60.531	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	67025	11.265	ng	# 77
25) Isophorone	7.345	82	475601	28.831	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	28090	7.834	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	28090	5.859	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	13143	2.593	ng	# 1

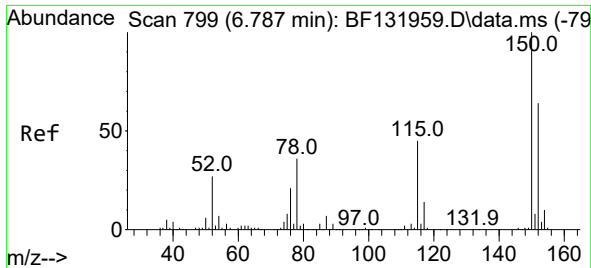
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

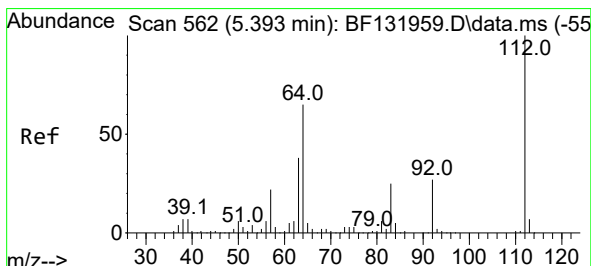
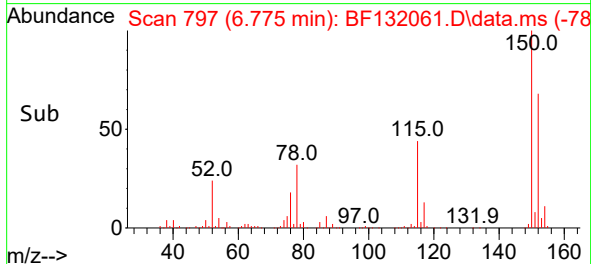
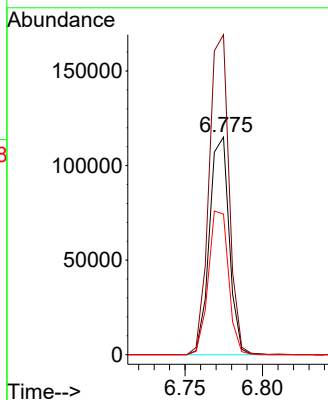
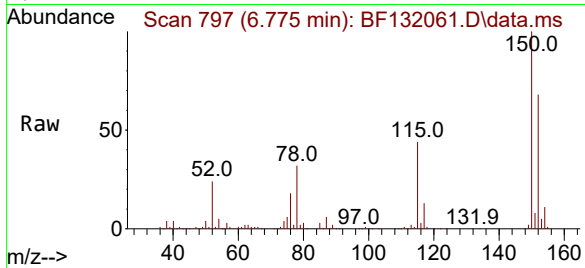




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

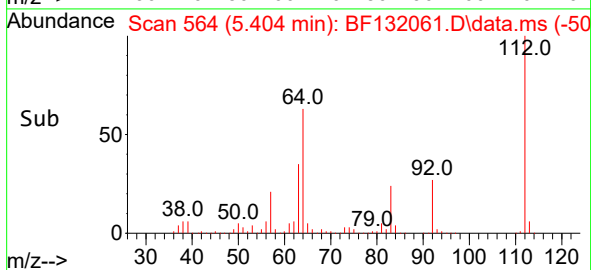
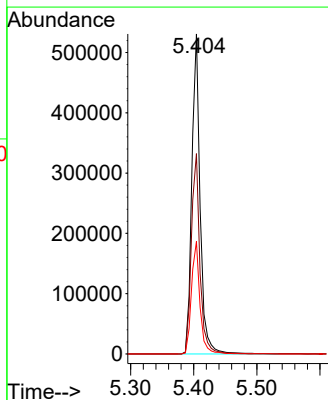
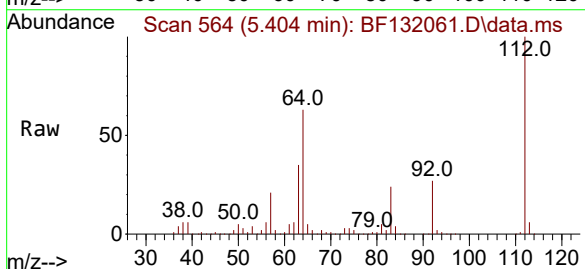
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

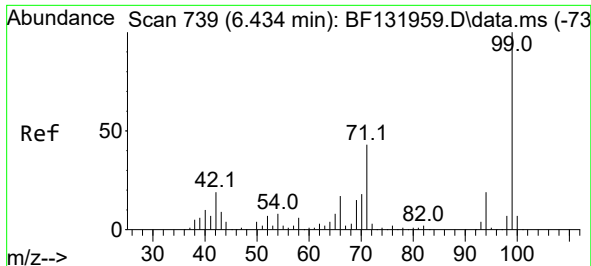
Tgt Ion:152 Resp: 102217
Ion Ratio Lower Upper
152 100
150 147.0 124.6 186.8
115 64.6 55.6 83.4



#5
2-Fluorophenol
Concen: 78.522 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Tgt Ion:112 Resp: 487096
Ion Ratio Lower Upper
112 100
64 62.6 51.9 77.9
63 35.2 30.2 45.2

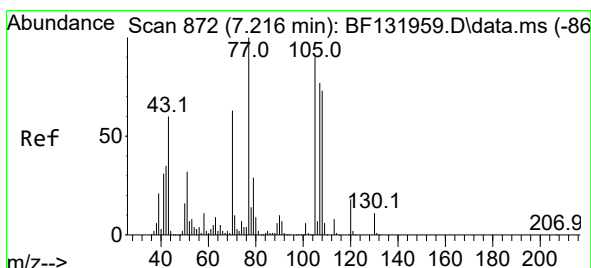
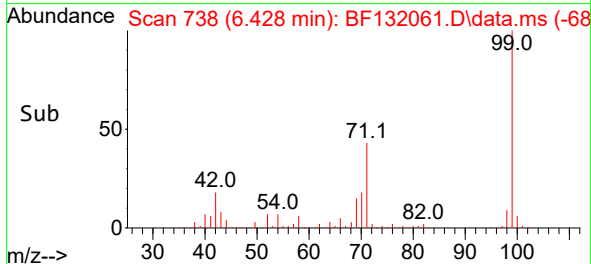
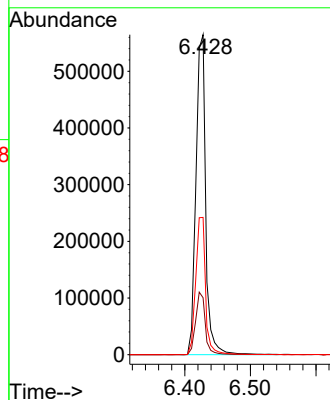
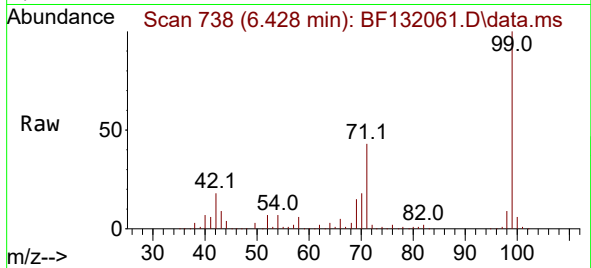




#7
Phenol-d6
Concen: 71.161 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

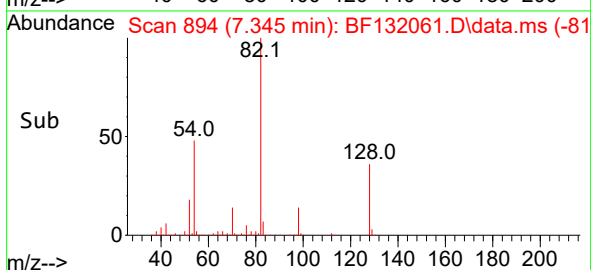
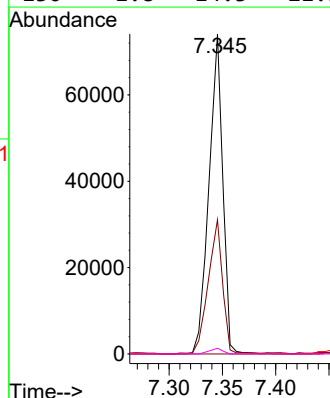
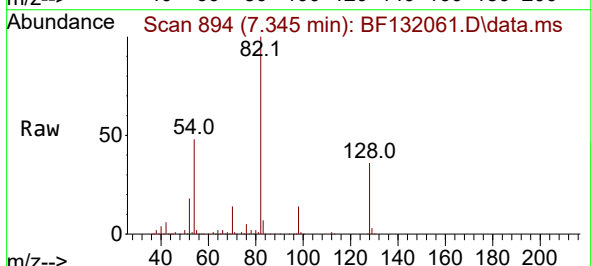
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

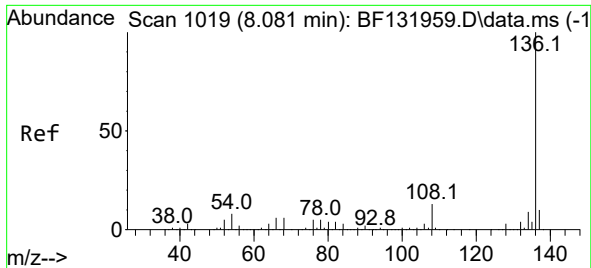
Tgt Ion: 99 Resp: 585286
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.2
71 42.9 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.265 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Tgt Ion: 70 Resp: 67025
Ion Ratio Lower Upper
70 100
42 42.0 44.3 66.5#
101 0.0 7.5 11.3#
130 1.8 14.3 21.5#

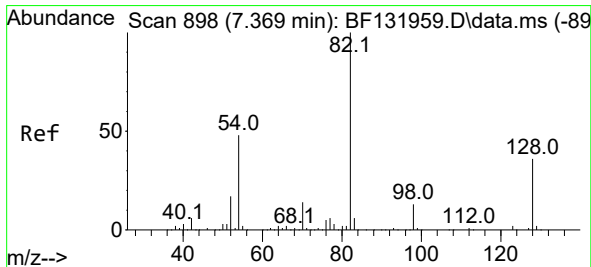
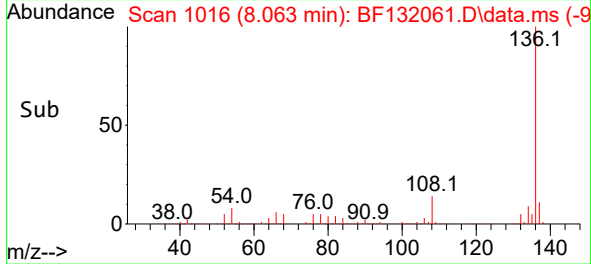
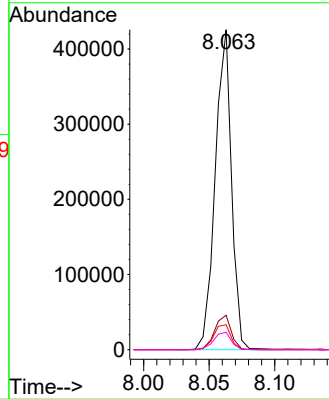
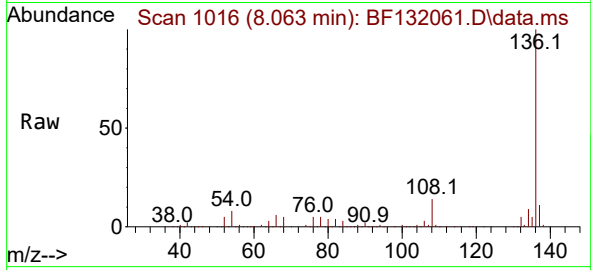




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

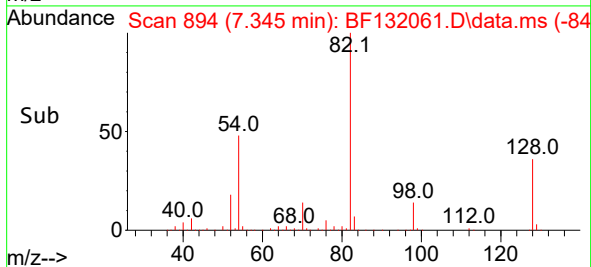
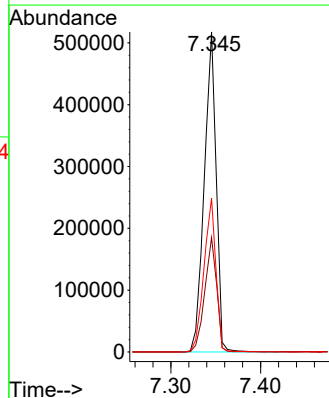
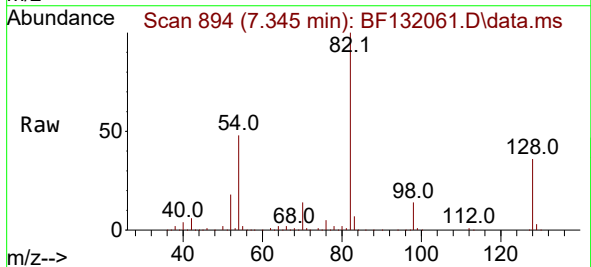
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

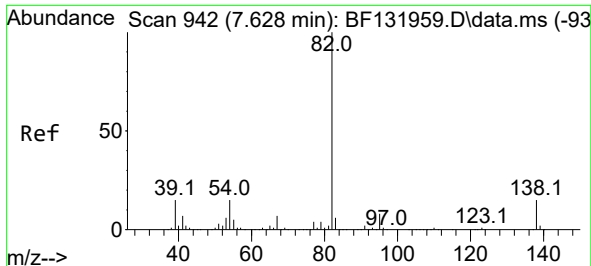
Tgt Ion:	136	Resp:	366480
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	7.8	6.6	9.8
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 54.155 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Tgt Ion:	82	Resp:	478196
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.7	43.1
54	48.1	38.1	57.1

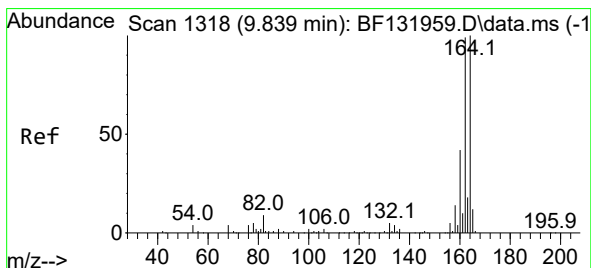
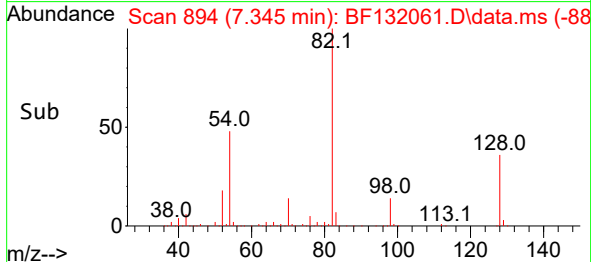
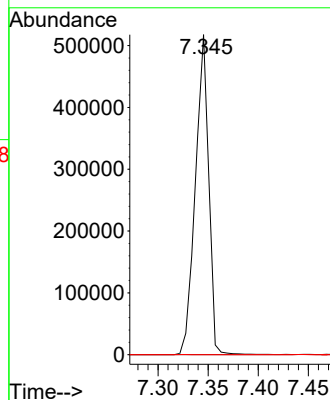
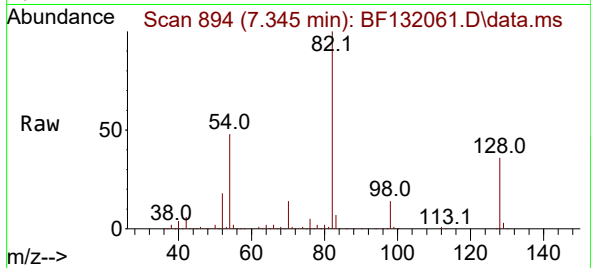




#25
Isophorone
Concen: 28.831 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

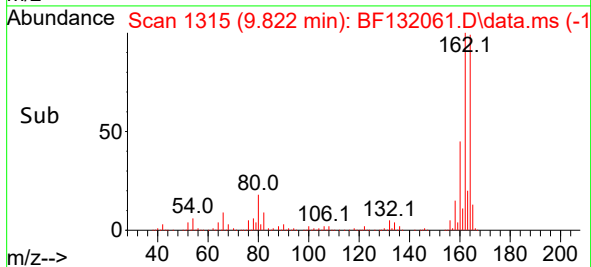
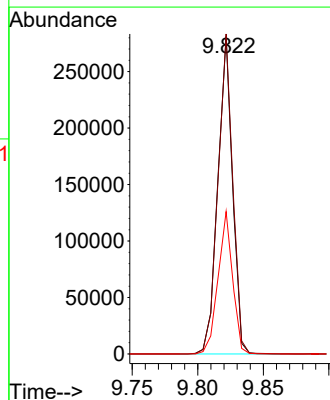
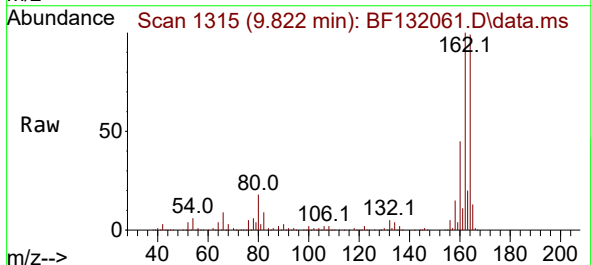
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

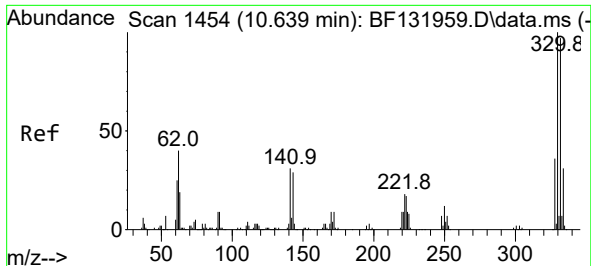
Tgt Ion: 82 Resp: 475601
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Tgt Ion:164 Resp: 218712
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 44.9 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 78.250 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF132061.D

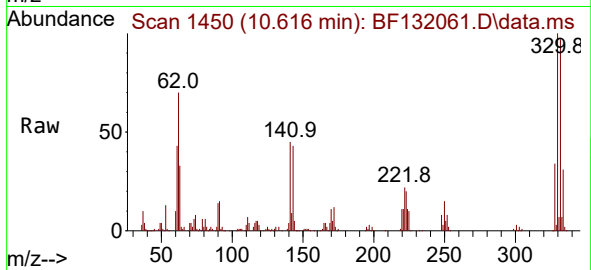
Acq: 13 Jan 2023 16:09

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2



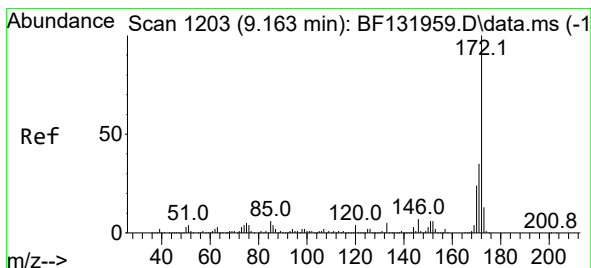
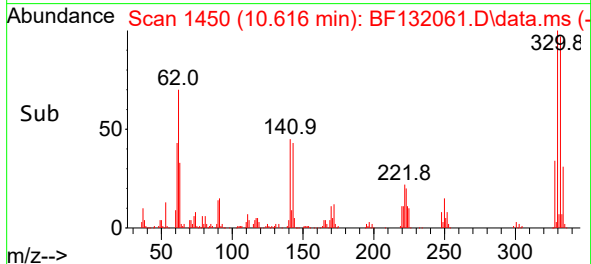
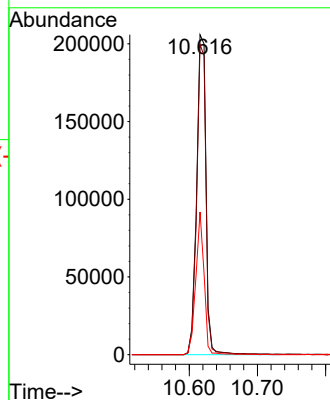
Tgt Ion:330 Resp: 196777

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

141 39.6 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 52.268 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF132061.D

Acq: 13 Jan 2023 16:09

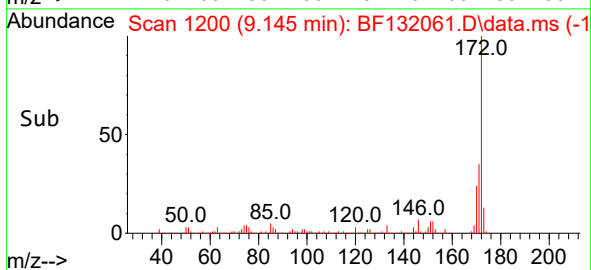
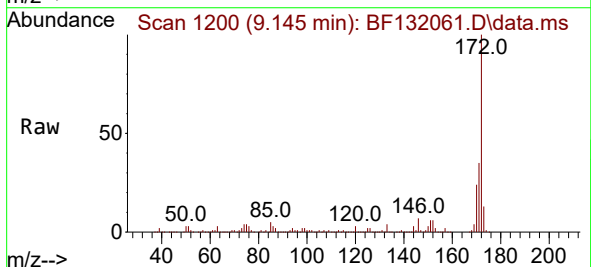
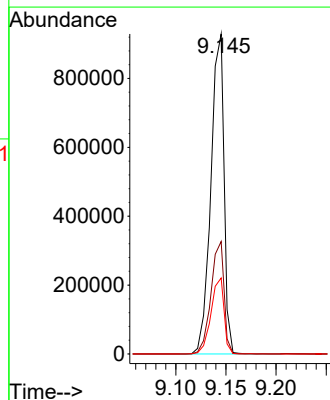
Tgt Ion:172 Resp: 846813

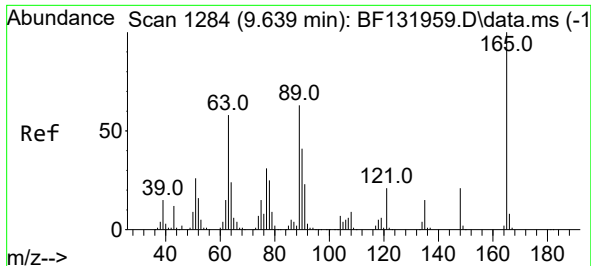
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.8 18.9 28.3

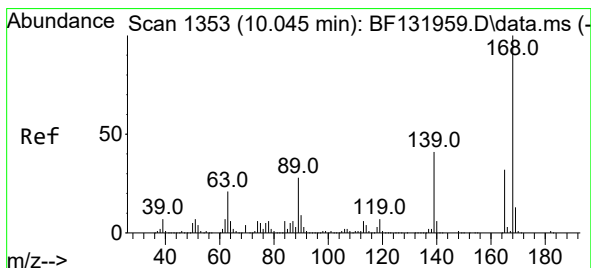
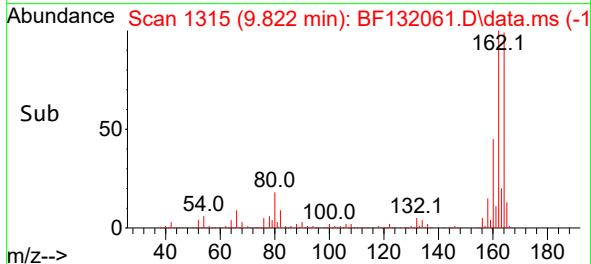
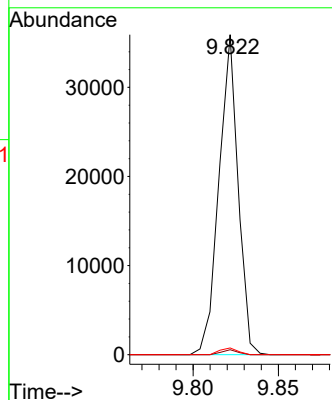
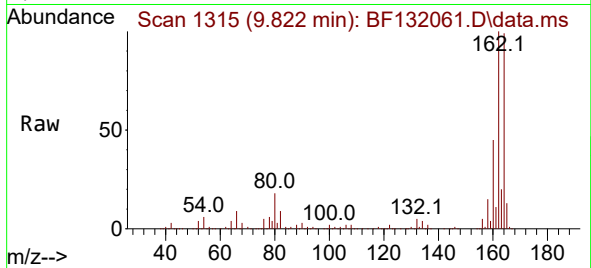




#51
2,6-Dinitrotoluene
Concen: 7.834 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

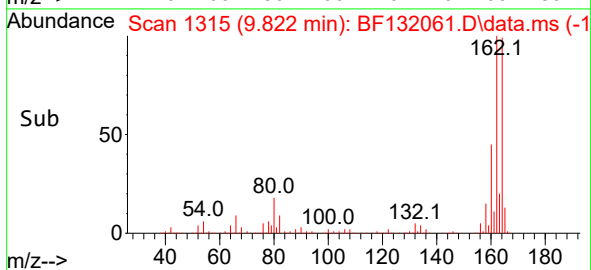
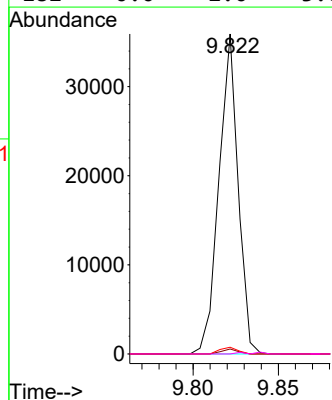
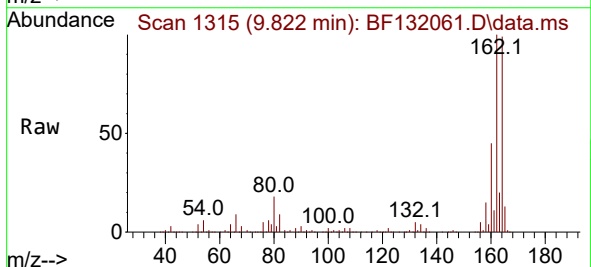
Instrument :
BNA_F
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COMPOSITE-2

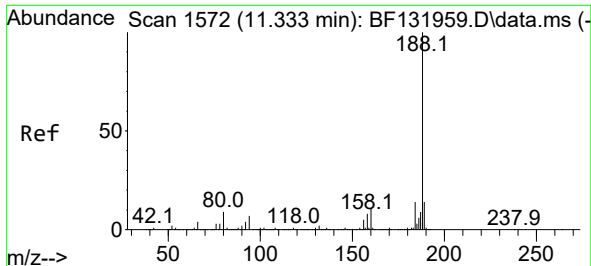
Tgt Ion:165 Resp: 28090
Ion Ratio Lower Upper
165 100
63 1.6 47.4 71.0#
89 2.1 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Tgt Ion:165 Resp: 28090
Ion Ratio Lower Upper
165 100
63 1.6 53.2 79.8#
89 2.1 71.2 106.8#
182 0.0 2.0 3.0#

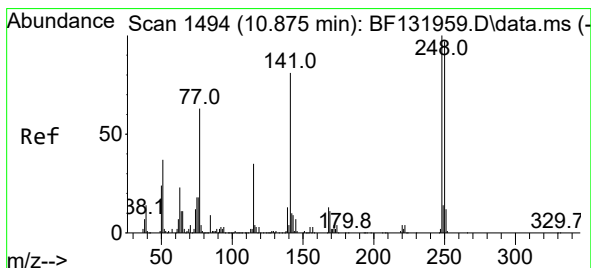
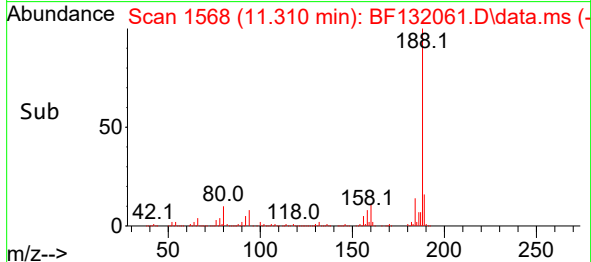
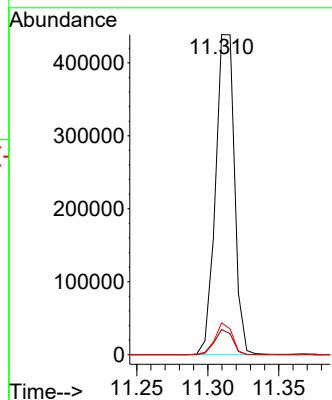
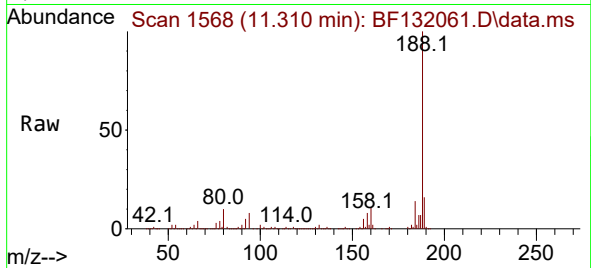




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

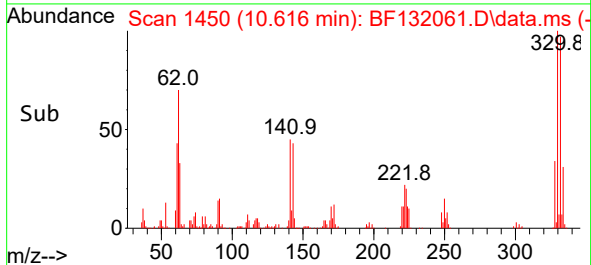
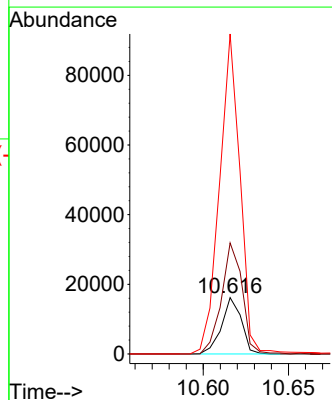
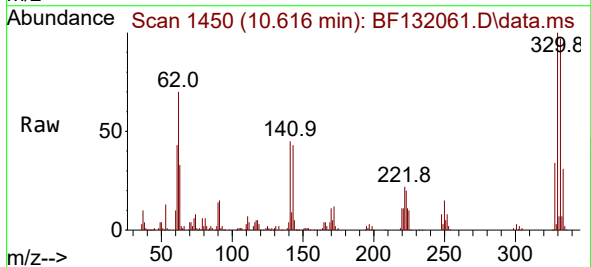
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

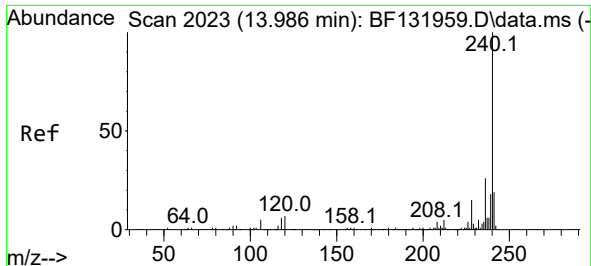
Tgt Ion:188 Resp: 405154
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 10.0 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 2.593 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.241 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Tgt Ion:248 Resp: 13143
Ion Ratio Lower Upper
248 100
250 197.1 77.4 116.2#
141 567.8 65.0 97.6#

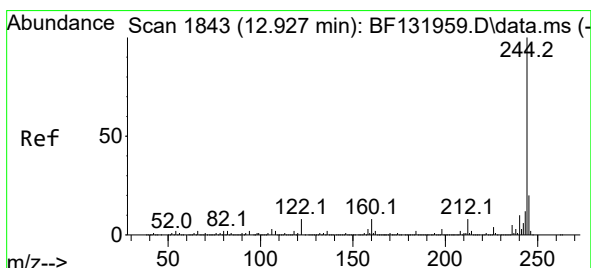
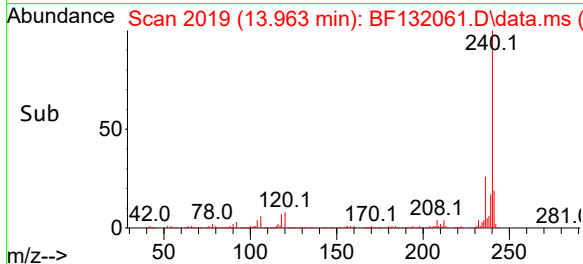
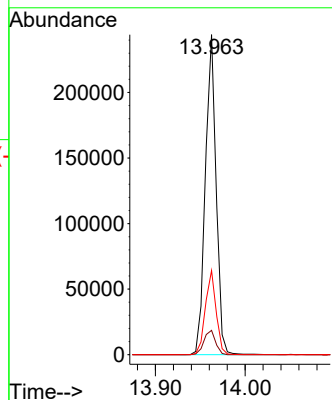
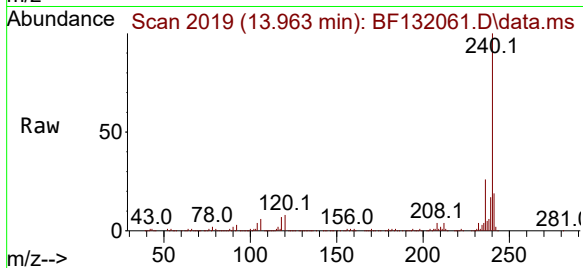




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

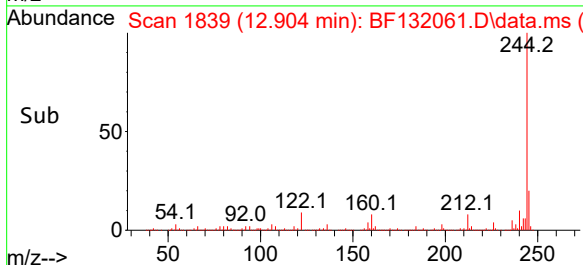
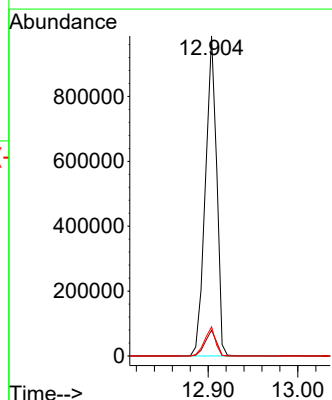
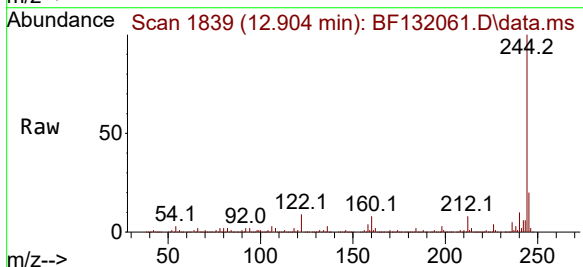
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

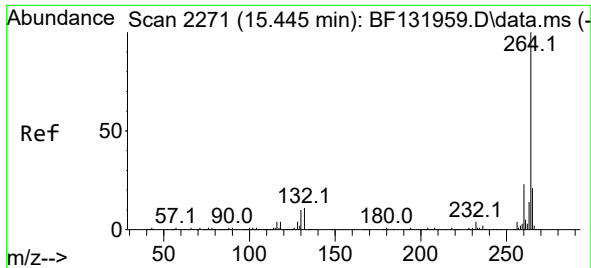
Tgt Ion:240 Resp: 203350
Ion Ratio Lower Upper
240 100
120 7.6 5.4 8.0
236 26.3 21.1 31.7



#79
Terphenyl-d14
Concen: 60.531 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

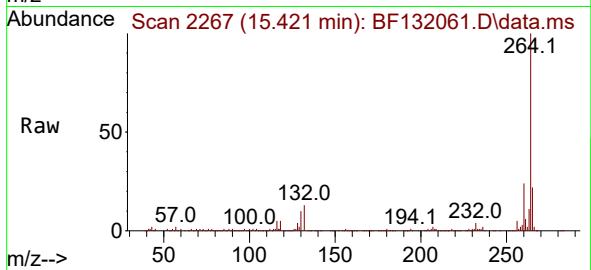
Tgt Ion:244 Resp: 858798
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.1 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF132061.D
Acq: 13 Jan 2023 16:09

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2



Tgt Ion:264 Resp: 223248
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 21.9 16.9 25.3

