

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132787.D
 Acq On : 14 Mar 2023 19:57
 Operator : CG\JU
 Sample : 01900-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HT-OILYSTONE-0313

Quant Time: Mar 15 02:28:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

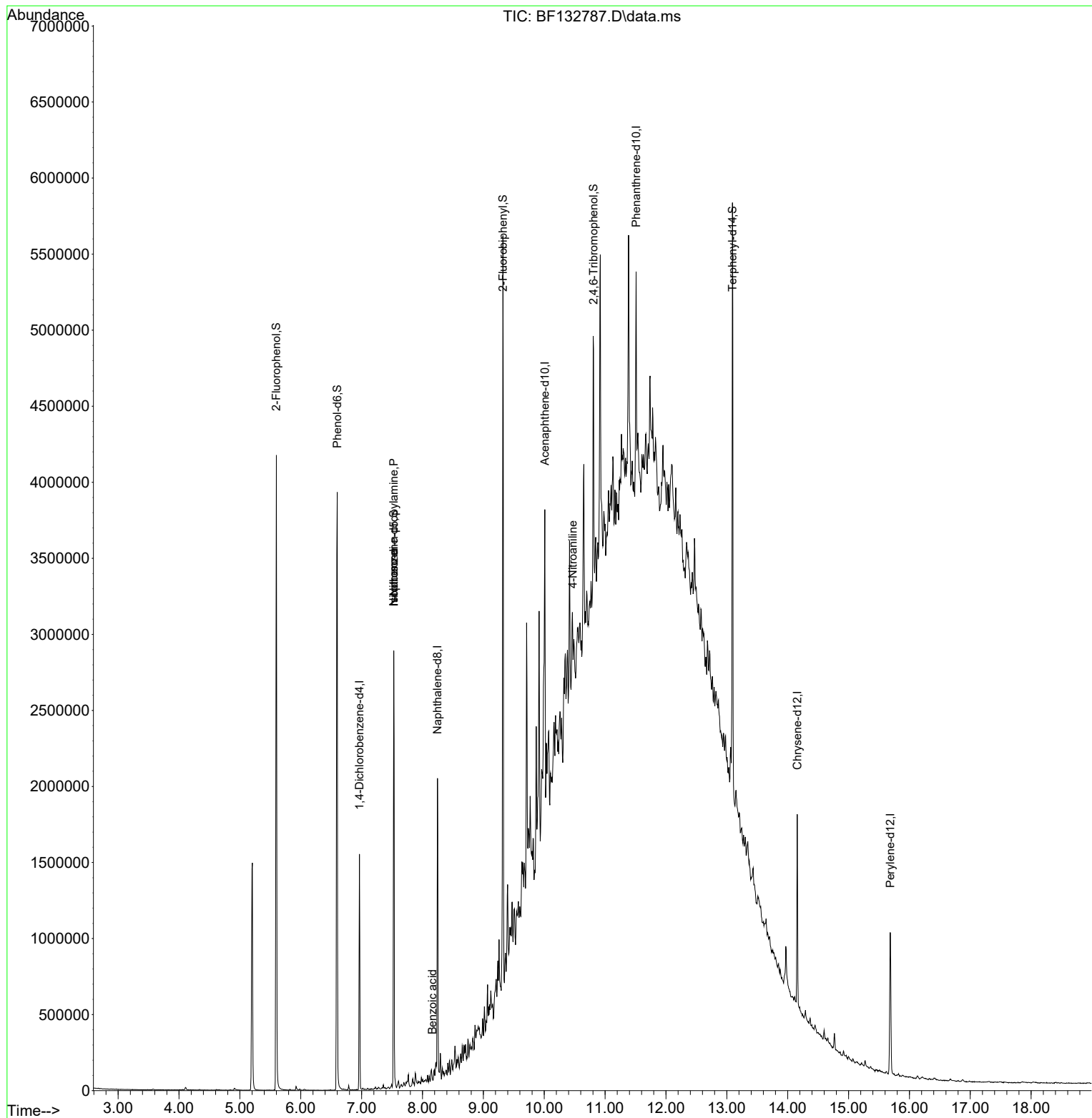
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	219174	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	802739	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	356214	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	556500	20.000	ng	0.00
76) Chrysene-d12	14.157	240	430608	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	453821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1206715	89.357	ng	0.00
7) Phenol-d6	6.598	99	1536980	87.207	ng	0.00
23) Nitrobenzene-d5	7.528	82	980585	57.956	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	339570	88.270	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1592858	68.088	ng	0.00
79) Terphenyl-d14	13.092	244	1598840	62.777	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.528	70	126458	11.659	ng	# 75
25) Isophorone	7.528	82	979992	30.211	ng	# 67
32) Benzoic acid	8.163	122	1350	3.961	ng	98
62) 4-Nitroaniline	10.469	138	16482	2.541	ng	94

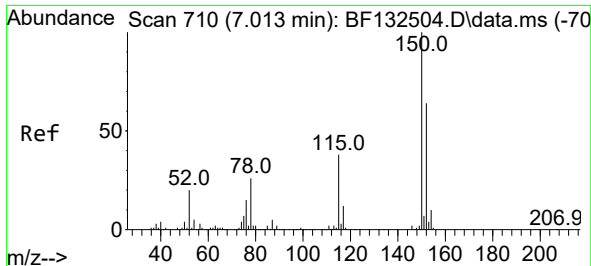
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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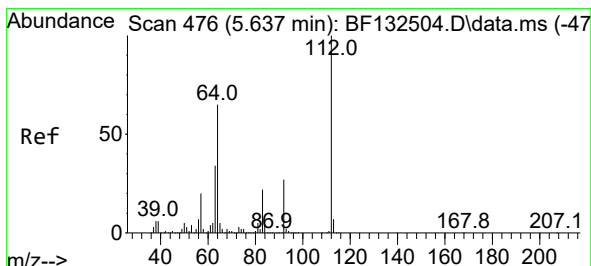
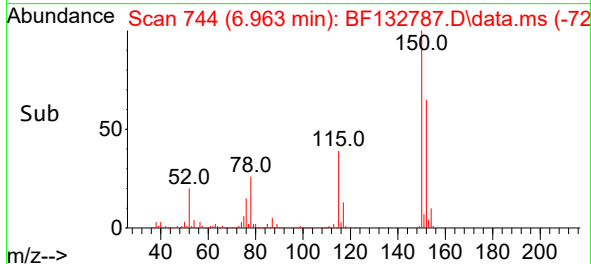
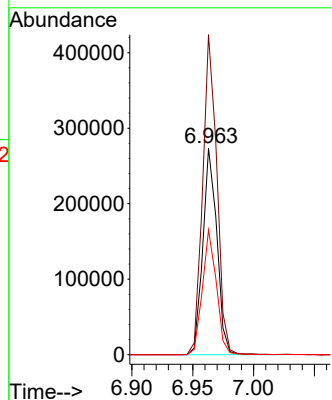
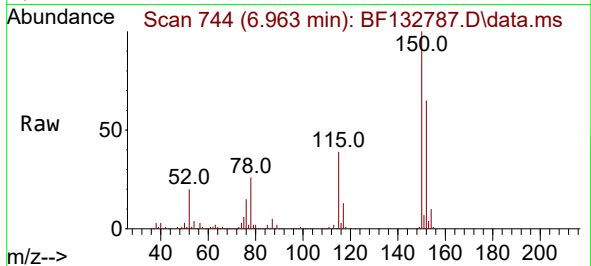




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132787.D
 Acq: 14 Mar 2023 19:57

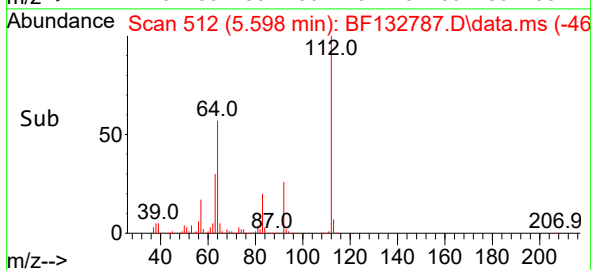
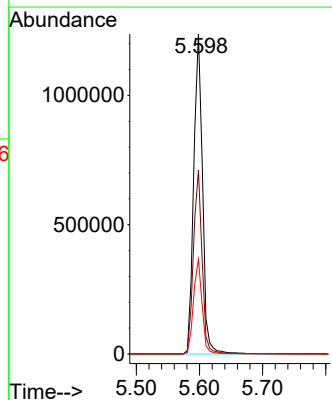
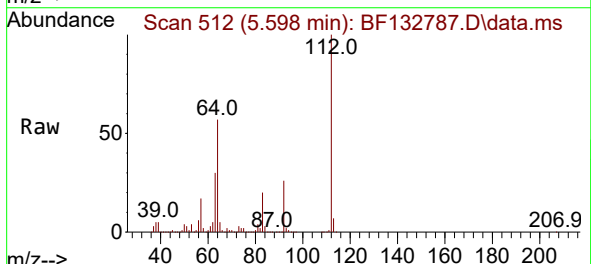
Instrument :
 BNA_F
 ClientSampleId :
 HT-OILYSTONE-0313

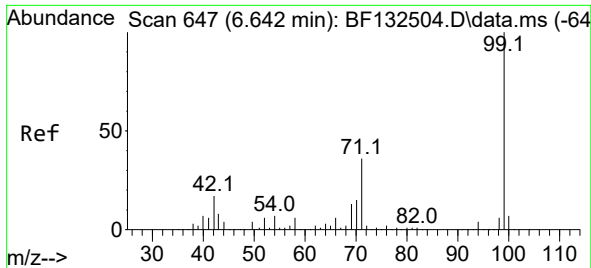
Tgt Ion:152 Resp: 219174
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.4 188.2
 115 60.3 47.8 71.6



#5
 2-Fluorophenol
 Concen: 89.357 ng
 RT: 5.598 min Scan# 512
 Delta R.T. 0.006 min
 Lab File: BF132787.D
 Acq: 14 Mar 2023 19:57

Tgt Ion:112 Resp: 1206715
 Ion Ratio Lower Upper
 112 100
 64 57.4 51.6 77.4
 63 29.6 27.4 41.2

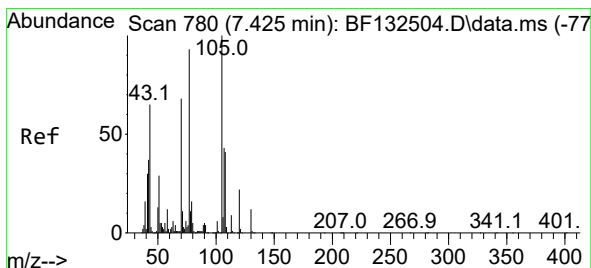
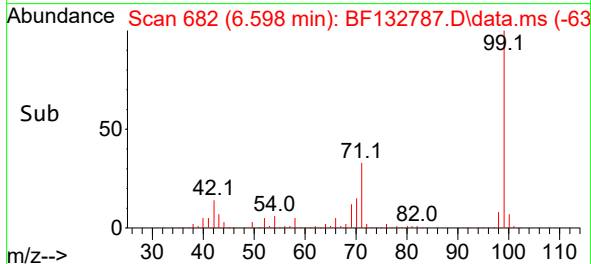
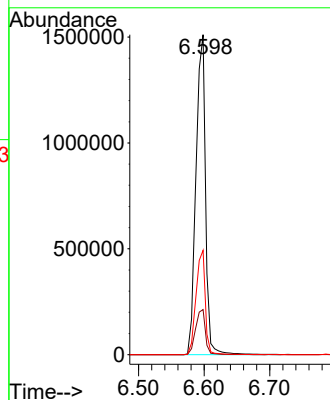
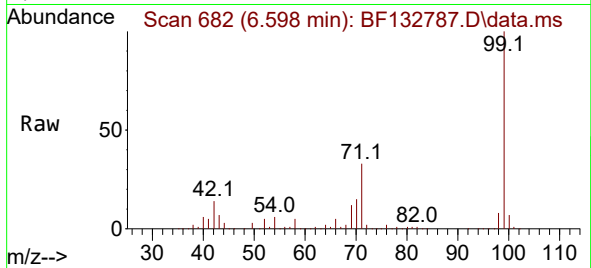




#7
Phenol-d6
Concen: 87.207 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

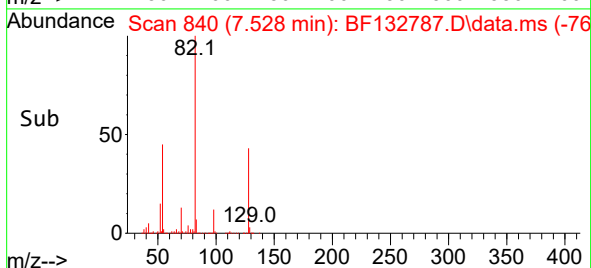
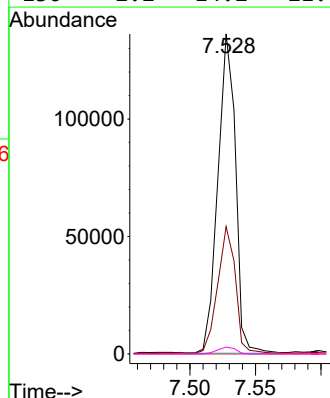
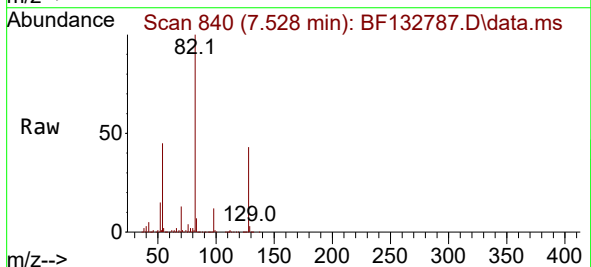
Instrument :
BNA_F
ClientSampleId :
HT-OILYSTONE-0313

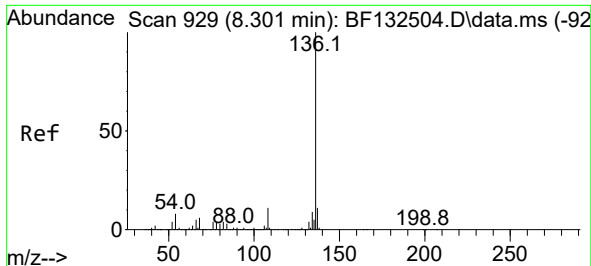
Tgt Ion: 99 Resp: 1536980
Ion Ratio Lower Upper
99 100
42 14.1 13.9 20.9
71 32.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.659 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.147 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

Tgt Ion: 70 Resp: 126458
Ion Ratio Lower Upper
70 100
42 39.8 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#

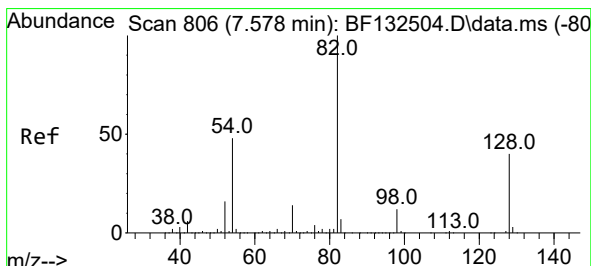
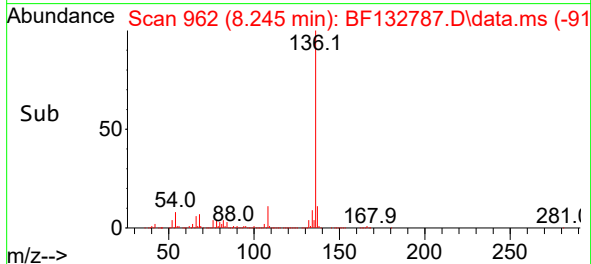
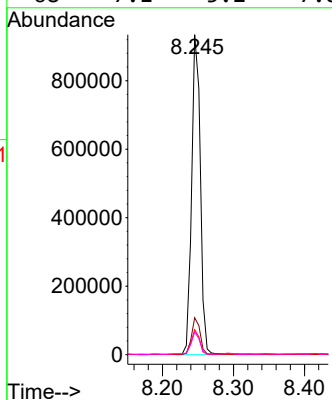
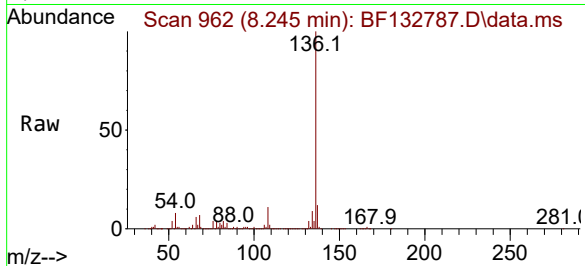




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

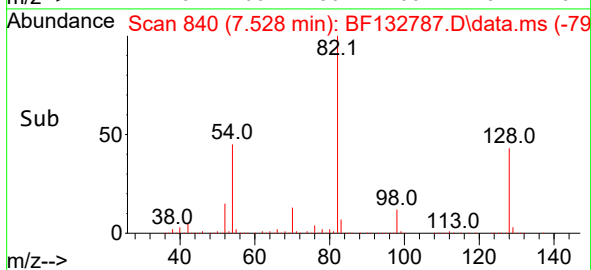
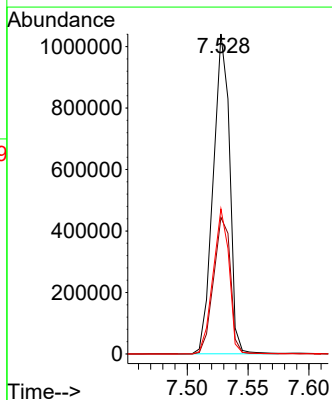
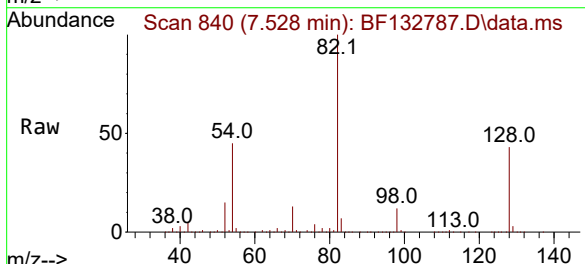
Instrument :
BNA_F
ClientSampleId :
HT-OILYSTONE-0313

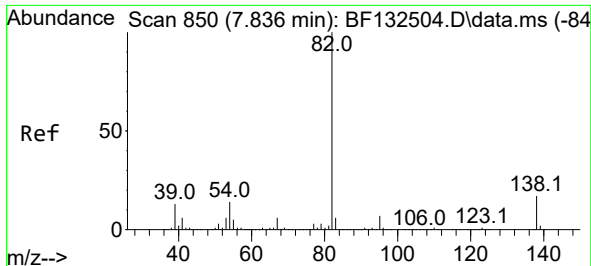
Tgt Ion:136 Resp: 802739
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 7.8 6.2 9.4
68 7.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 57.956 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

Tgt Ion: 82 Resp: 980585
Ion Ratio Lower Upper
82 100
128 42.7 32.2 48.2
54 45.4 38.4 57.6

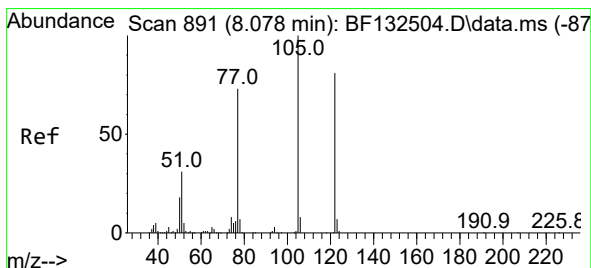
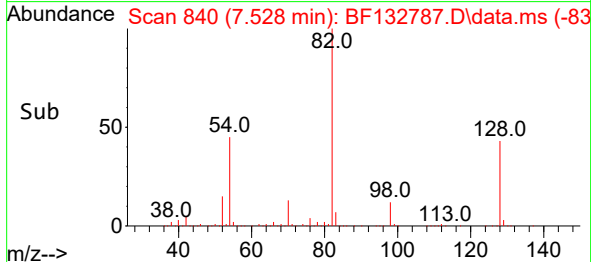
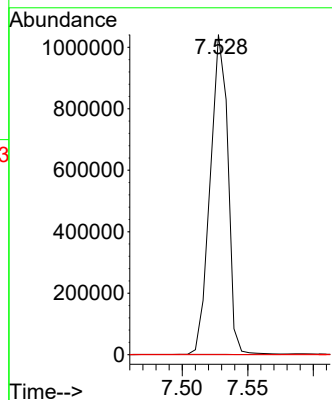
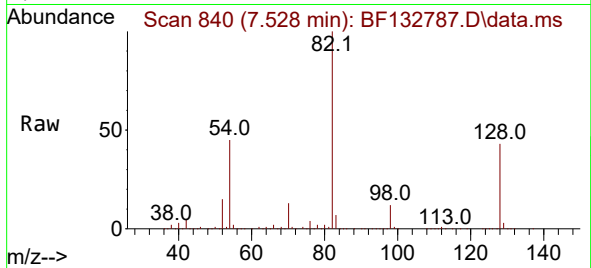




#25
Isophorone
Concen: 30.211 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

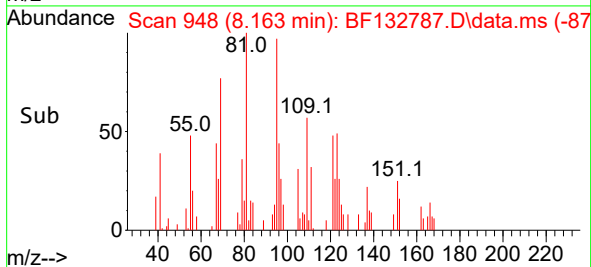
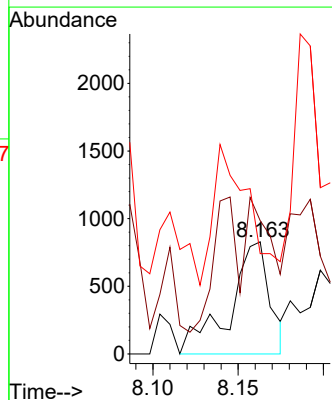
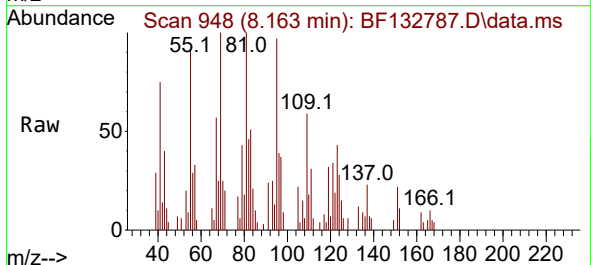
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ClientSampleId :
HT-OILYSTONE-0313

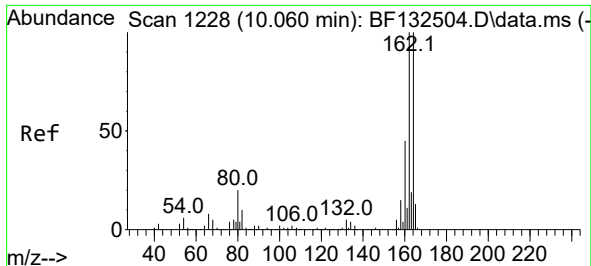
Tgt Ion: 82 Resp: 979992
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.961 ng
RT: 8.163 min Scan# 948
Delta R.T. 0.129 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

Tgt Ion:122 Resp: 1350
Ion Ratio Lower Upper
122 100
105 118.8 102.6 142.6
77 89.4 70.2 110.2

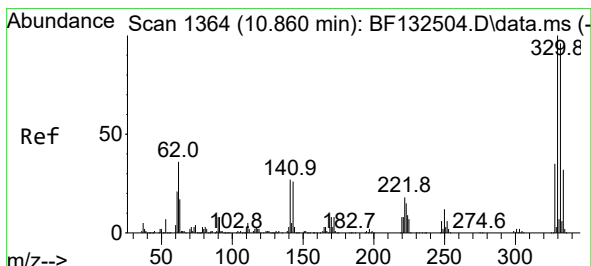
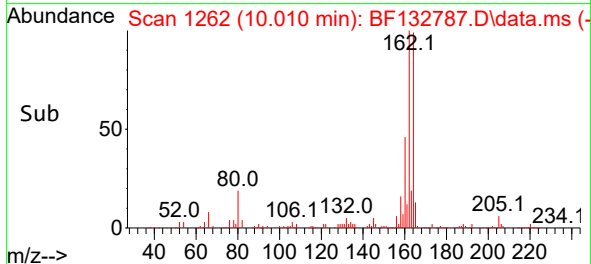
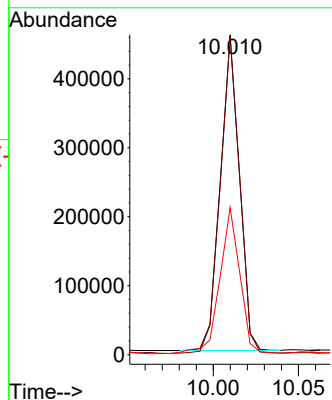
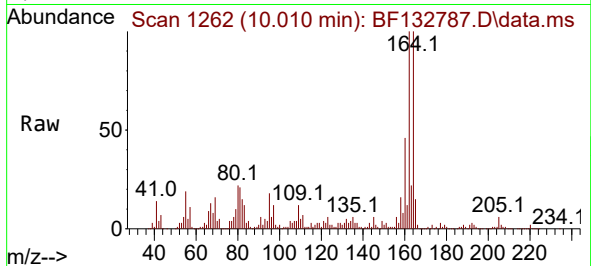




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

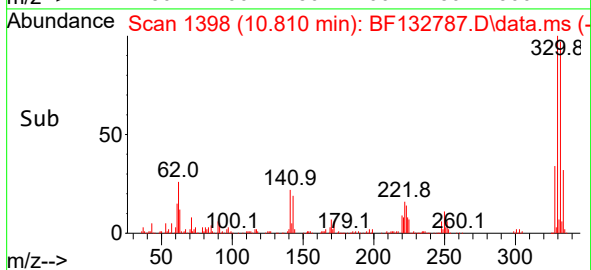
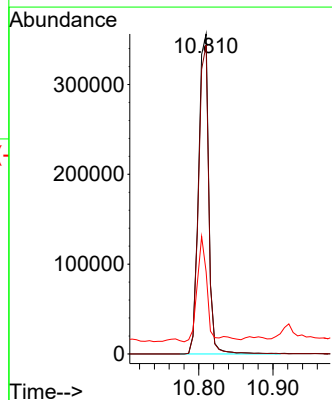
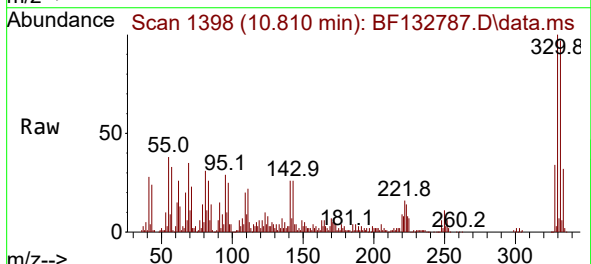
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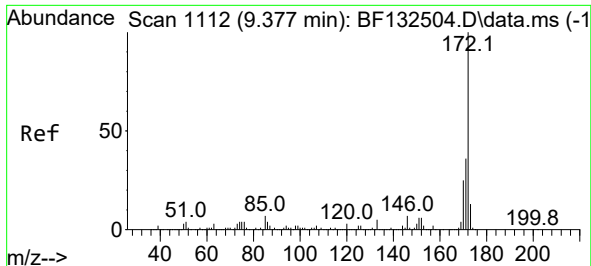
Tgt Ion:164 Resp: 356214
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 46.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 88.270 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

Tgt Ion:330 Resp: 339570
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 30.8 28.4 42.6

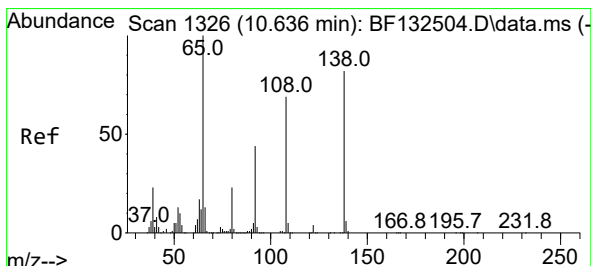
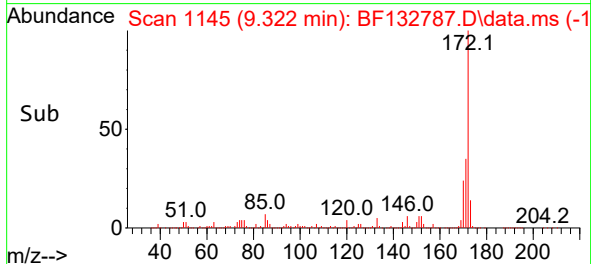
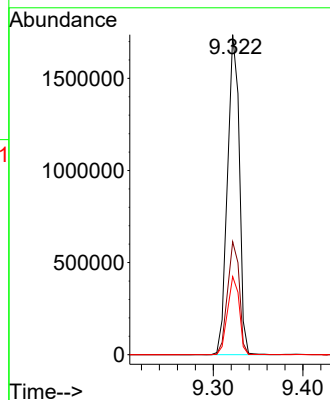
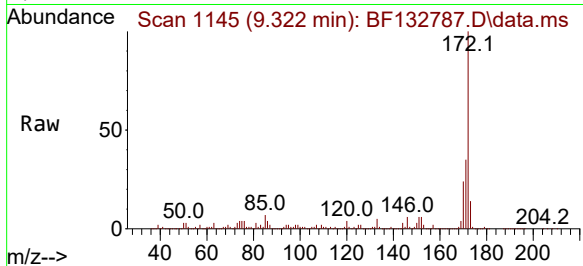




#45
2-Fluorobiphenyl
Concen: 68.088 ng
RT: 9.322 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

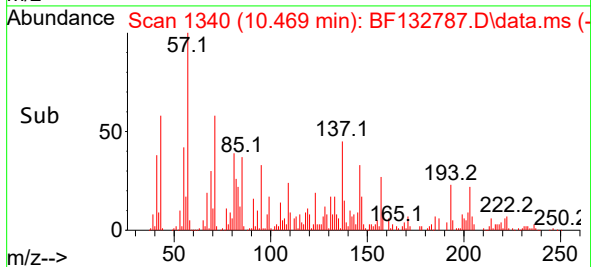
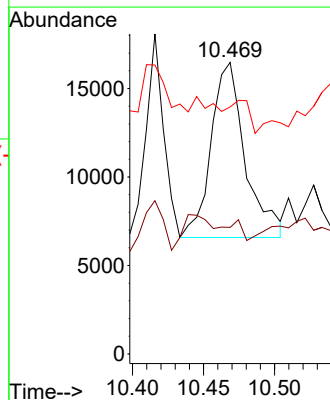
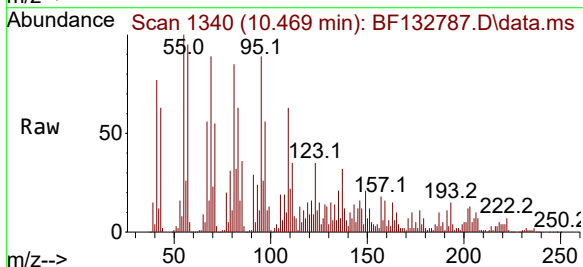
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HT-OILYSTONE-0313

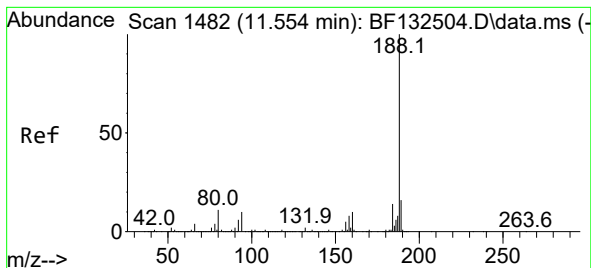
Tgt Ion:172 Resp: 1592858
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.4 19.7 29.5



#62
4-Nitroaniline
Concen: 2.541 ng
RT: 10.469 min Scan# 1340
Delta R.T. -0.124 min
Lab File: BF132787.D
Acq: 14 Mar 2023 19:57

Tgt Ion:138 Resp: 16482
Ion Ratio Lower Upper
138 100
92 43.4 33.8 73.8
108 84.7 63.7 103.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132787.D

Acq: 14 Mar 2023 19:57

Instrument :

BNA_F

ClientSampleId :

HT-OILYSTONE-0313

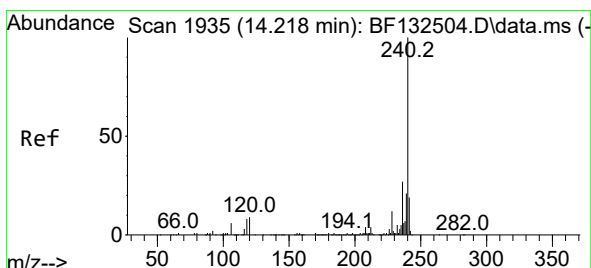
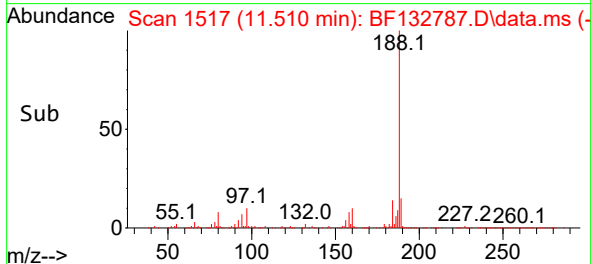
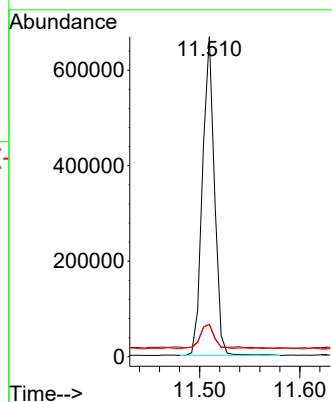
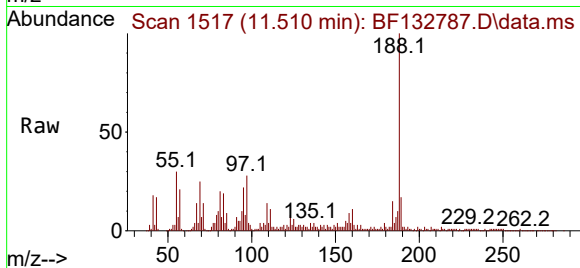
Tgt Ion:188 Resp: 556500

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BF132787.D

Acq: 14 Mar 2023 19:57

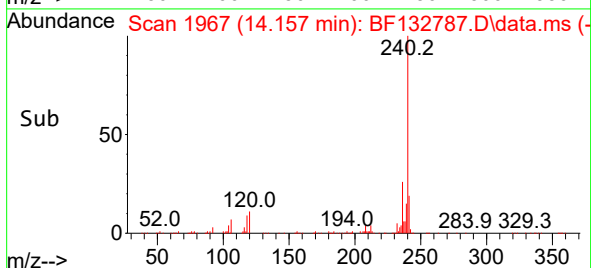
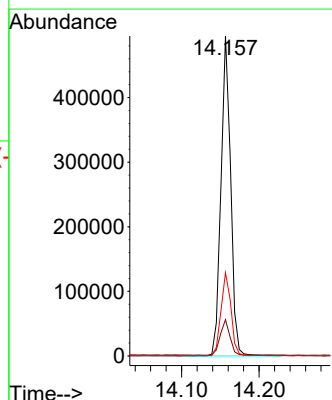
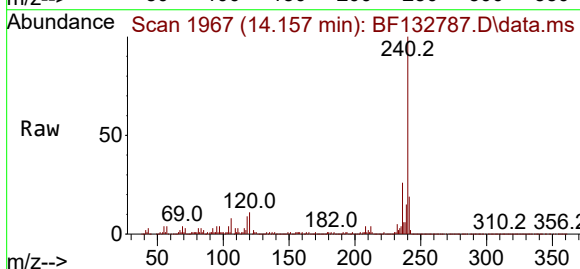
Tgt Ion:240 Resp: 430608

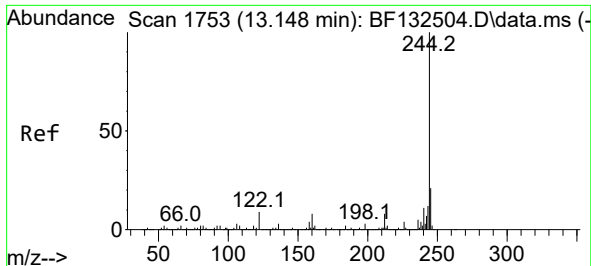
Ion Ratio Lower Upper

240 100

120 11.4 7.2 10.8#

236 26.1 21.8 32.6

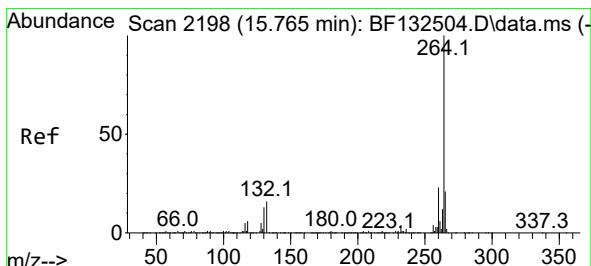
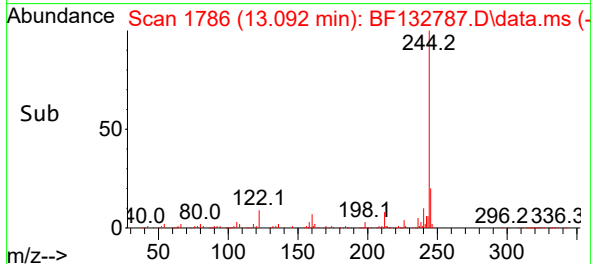
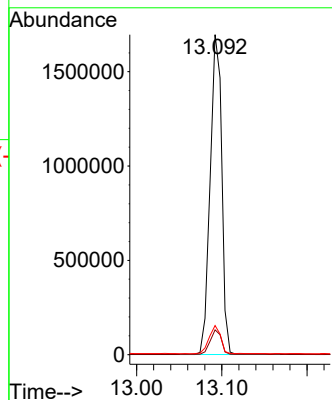
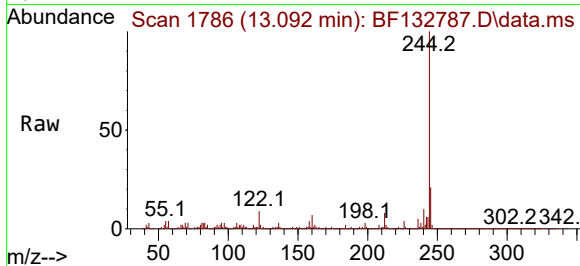




#79
 Terphenyl-d14
 Concen: 62.777 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132787.D
 Acq: 14 Mar 2023 19:57

Instrument :
 BNA_F
 ClientSampleId :
 HT-OILYSTONE-0313

Tgt Ion:244 Resp: 1598840
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BF132787.D
 Acq: 14 Mar 2023 19:57

Tgt Ion:264 Resp: 453821
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.9 17.1 25.7

