

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141189.D
 Acq On : 16 Jan 2025 16:58
 Operator : RC/JU
 Sample : Q1098-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE-COMP

Quant Time: Jan 16 17:19:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

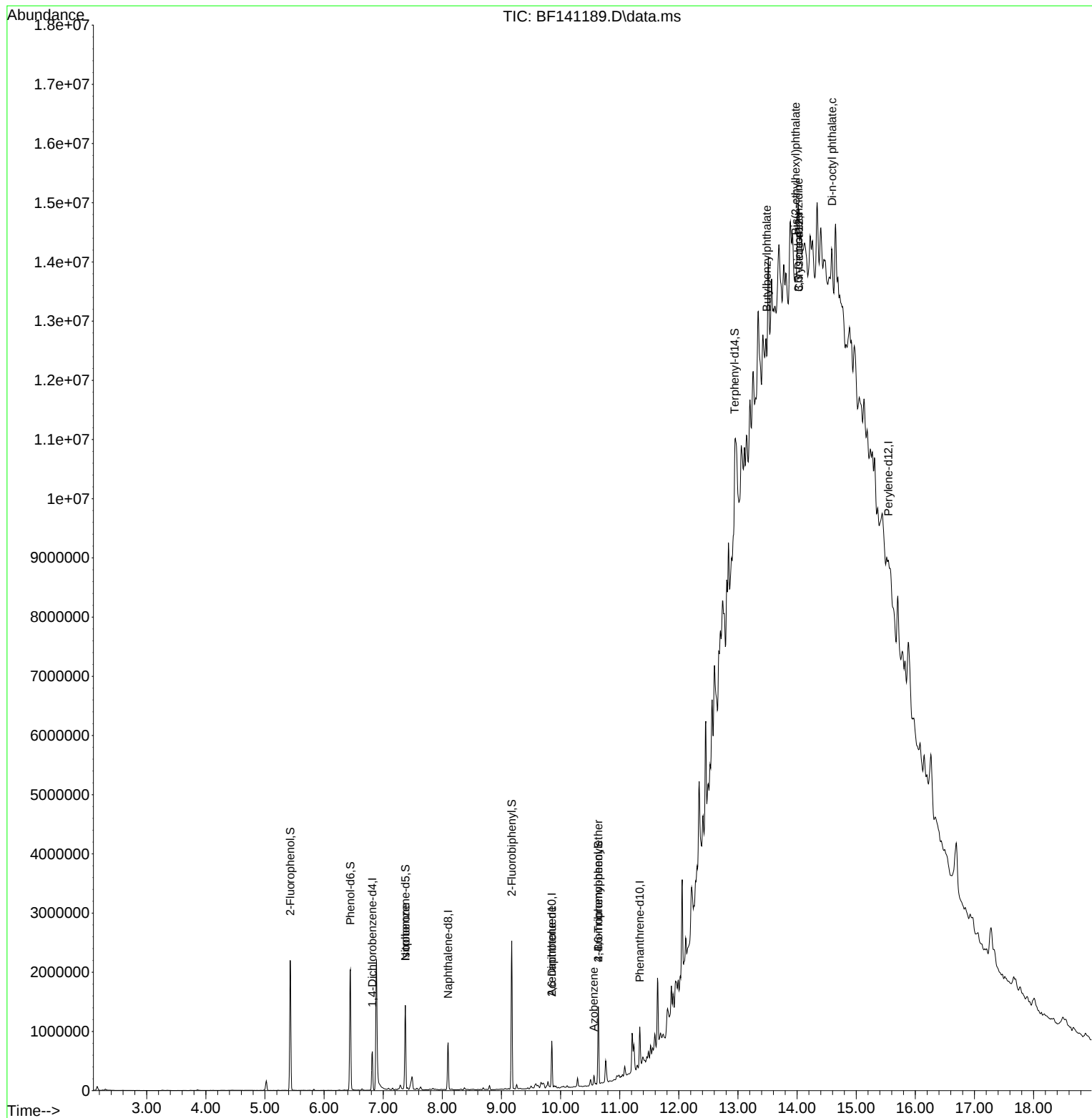
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	137072	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	490109	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	221427	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	335416	20.000	ng	0.00
76) Chrysene-d12	14.033	240	197767	20.000	ng	# 0.05
86) Perylene-d12	15.545	264	189264	20.000	ng	# 0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	831503	93.710	ng	0.00
7) Phenol-d6	6.445	99	1013625	90.183	ng	0.00
23) Nitrobenzene-d5	7.375	82	624978	67.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	228829	90.697	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1064593	73.418	ng	0.00
79) Terphenyl-d14	12.945	244	902498	67.827	ng	0.01
Target Compounds						
						Qvalue
25) Isophorone	7.375	82	621951	39.362	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	30472	8.815	ng	# 27
63) Azobenzene	10.563	77	36651	2.559	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	14573	3.774	ng	# 1
80) Butylbenzylphthalate	13.486	149	14301	2.271	ng	# 66
82) 3,3'-Dichlorobenzidine	14.027	252	14809	3.455	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.974	149	40066	5.302	ng	# 24
85) Di-n-octyl phthalate	14.592	149	84208	7.380	ng	# 75

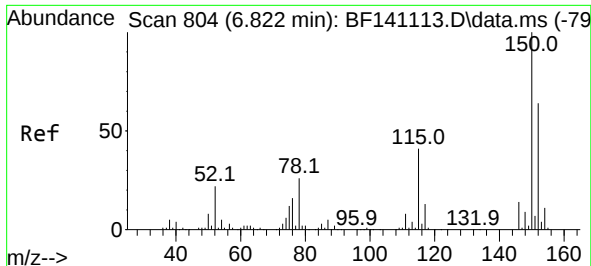
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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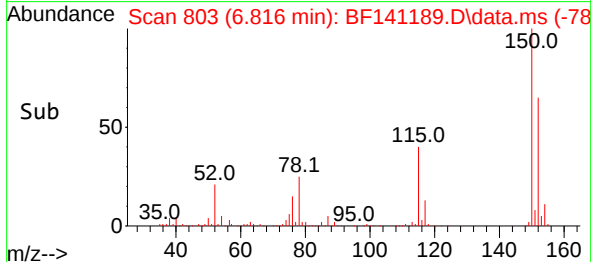
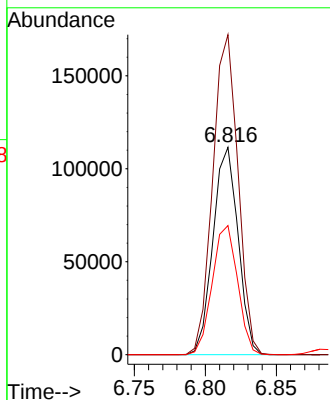
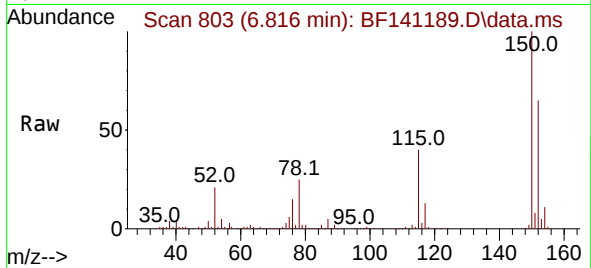




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

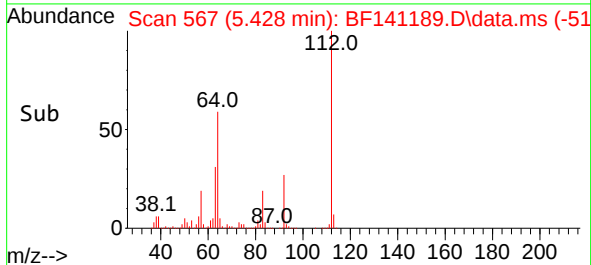
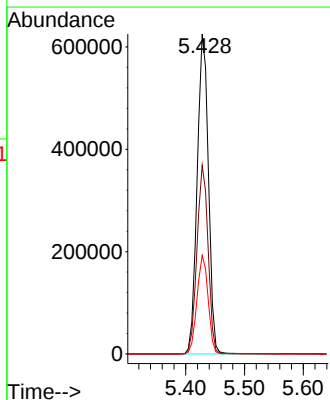
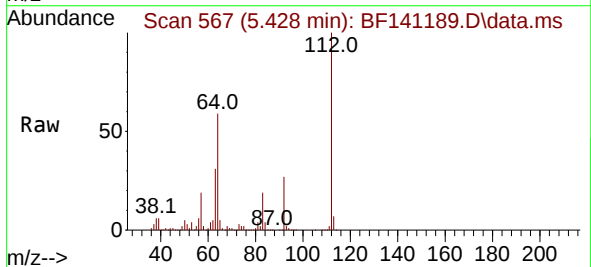
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

Tgt Ion:152 Resp: 137072
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.8
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 93.710 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

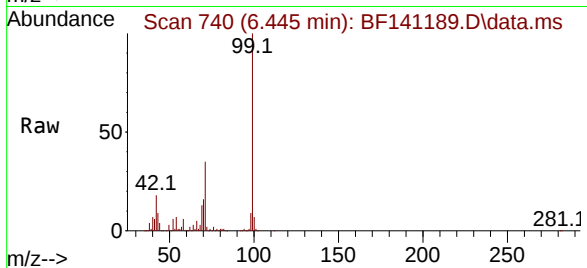
Tgt Ion:112 Resp: 831503
Ion Ratio Lower Upper
112 100
64 59.0 47.3 70.9
63 30.8 24.2 36.2





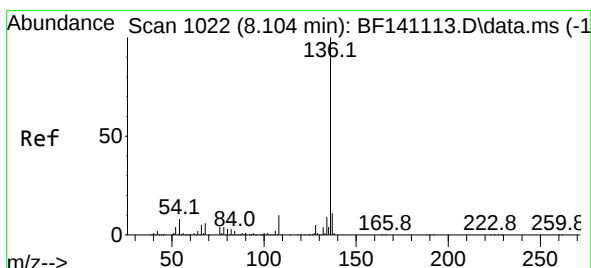
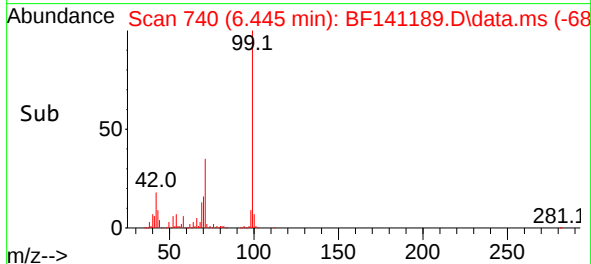
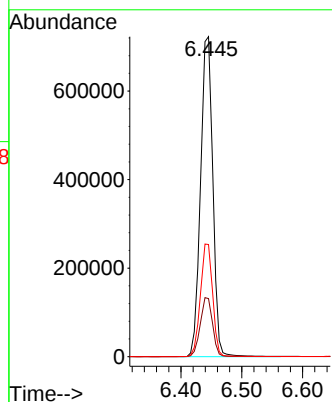
#7
Phenol-d6
Concen: 90.183 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP



Tgt Ion: 99 Resp: 1013625

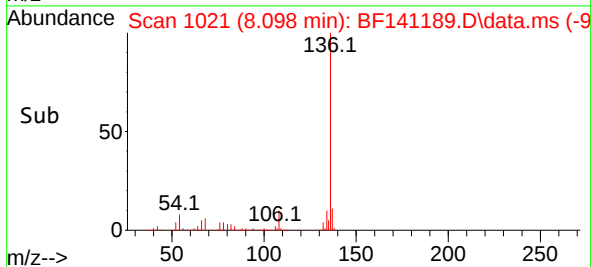
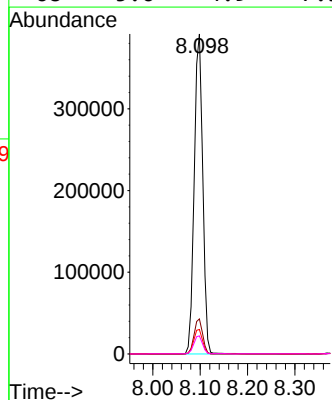
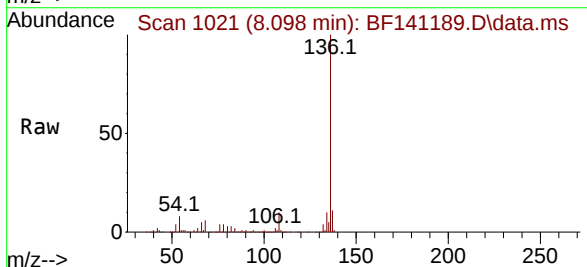
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	35.0	27.6	41.4

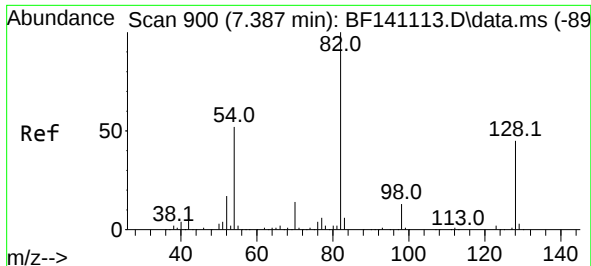


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Tgt Ion: 136 Resp: 490109

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.3	9.5
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 67.595 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-COMP

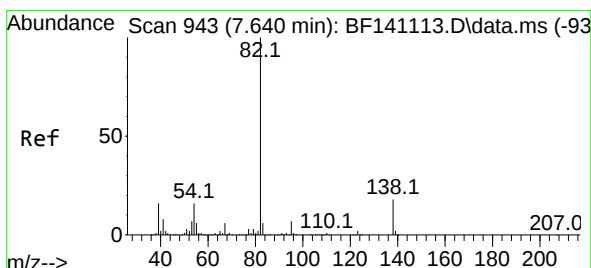
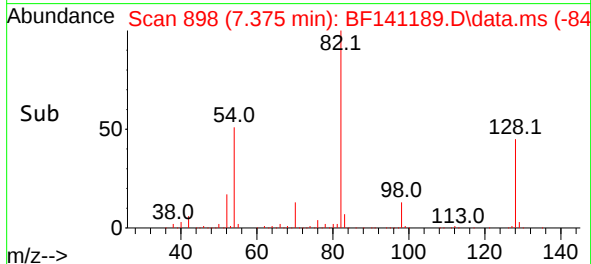
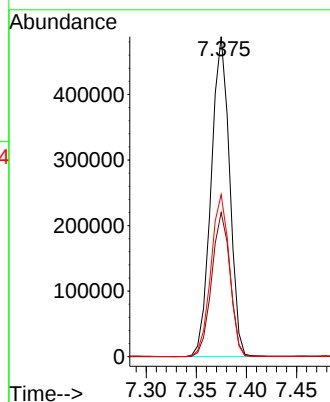
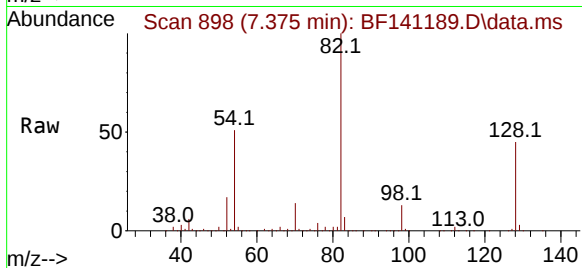
Tgt Ion: 82 Resp: 624978

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

54 50.6 41.0 61.4



#25

Isophorone

Concen: 39.362 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.265 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

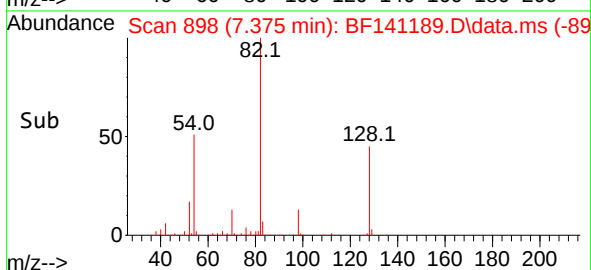
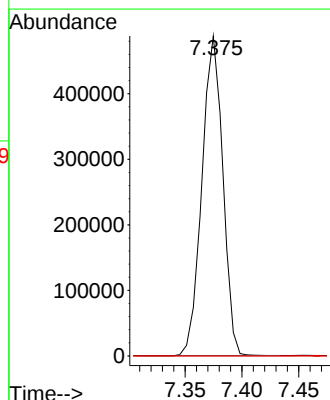
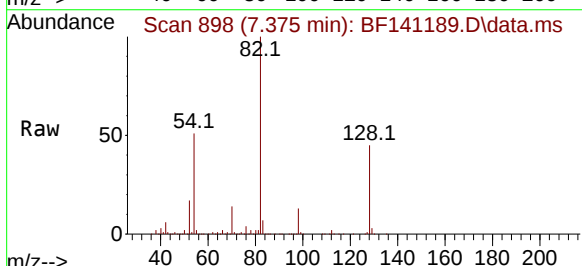
Tgt Ion: 82 Resp: 621951

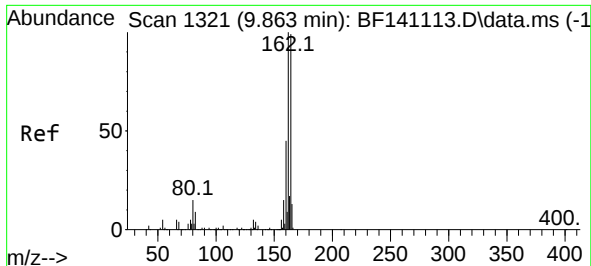
Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 14.2 21.2#

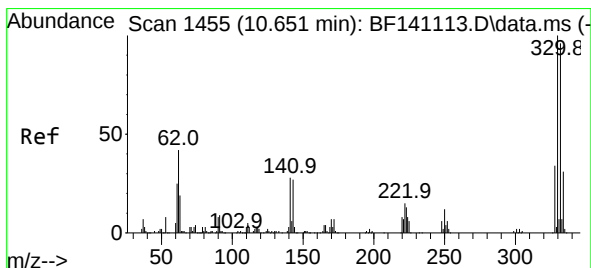
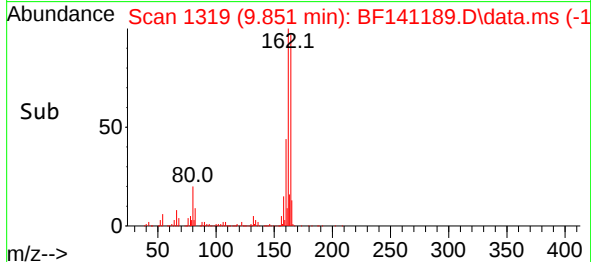
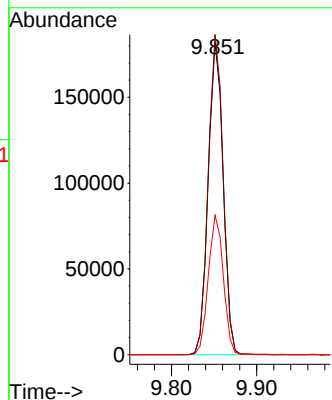
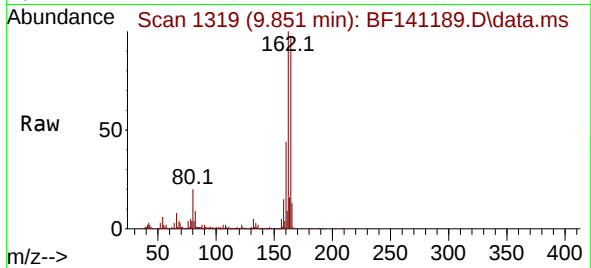




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

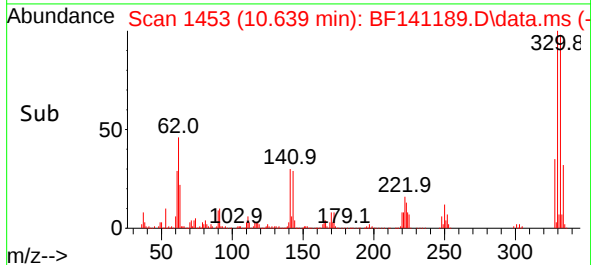
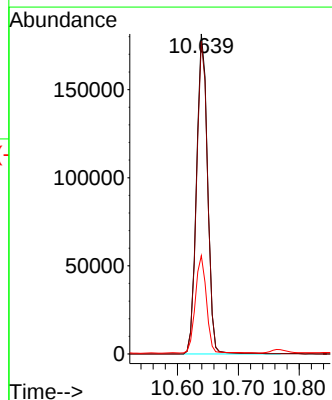
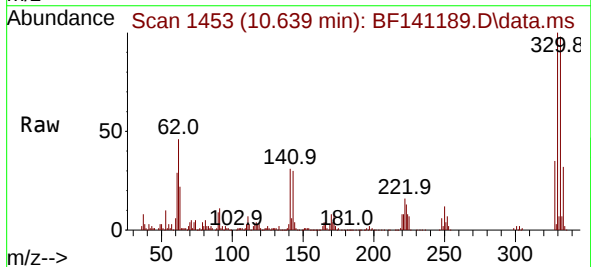
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

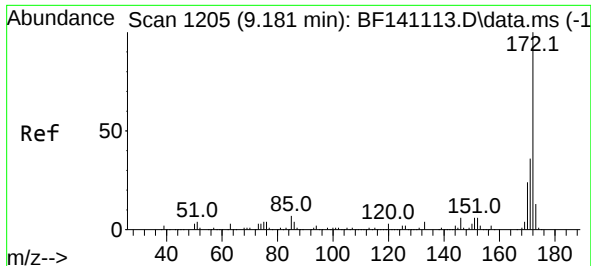
Tgt Ion:164 Resp: 221427
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 44.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 90.697 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Tgt Ion:330 Resp: 228829
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 30.5 25.2 37.8

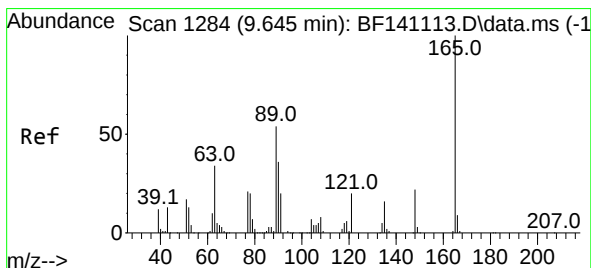
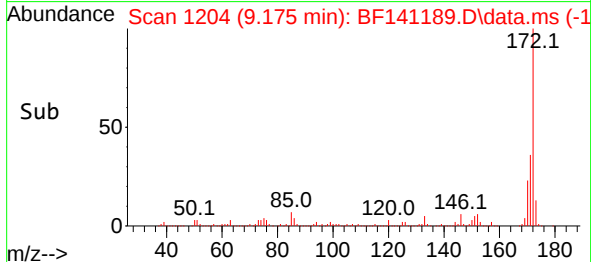
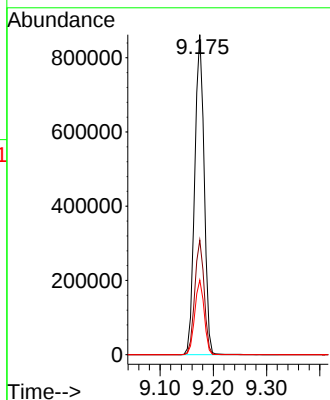
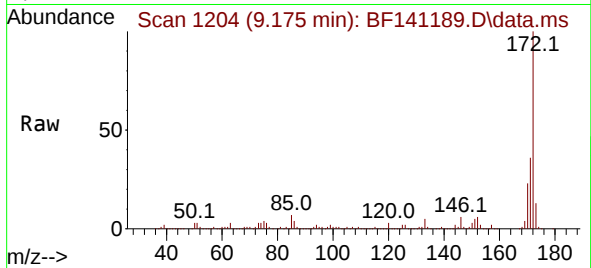




#45
2-Fluorobiphenyl
Concen: 73.418 ng
RT: 9.175 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

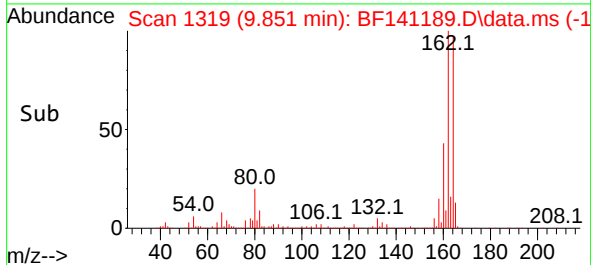
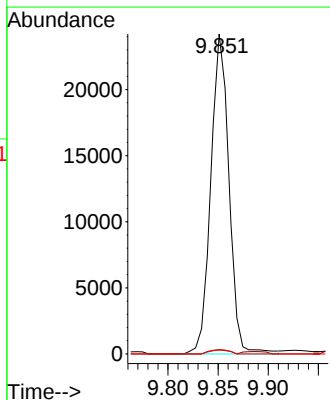
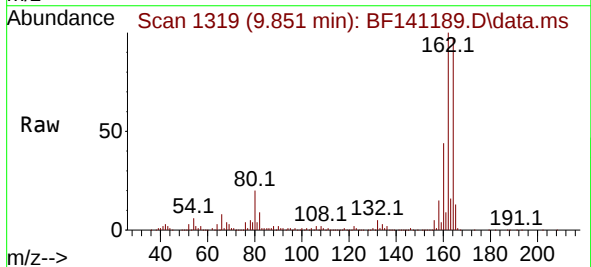
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

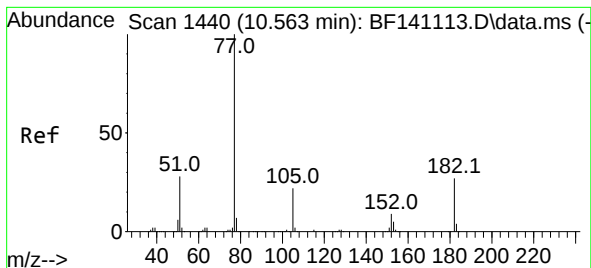
Tgt Ion:172 Resp: 1064593
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Tgt Ion:165 Resp: 30472
Ion Ratio Lower Upper
165 100
63 1.4 42.3 63.5#
89 1.2 43.1 64.7#





#63

Azobenzene

Concen: 2.559 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-COMP

Tgt Ion: 77 Resp: 36651

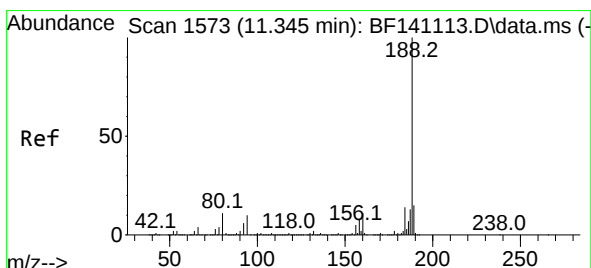
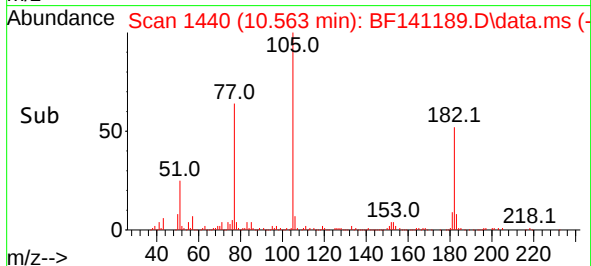
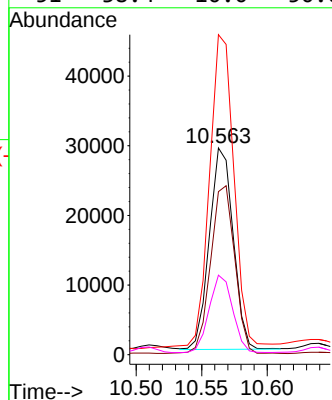
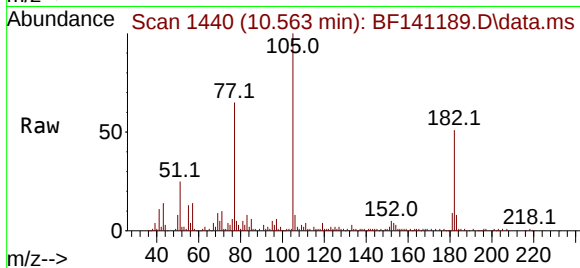
Ion Ratio Lower Upper

77 100

182 78.9 6.1 46.1#

105 154.7 2.1 42.1#

51 38.4 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

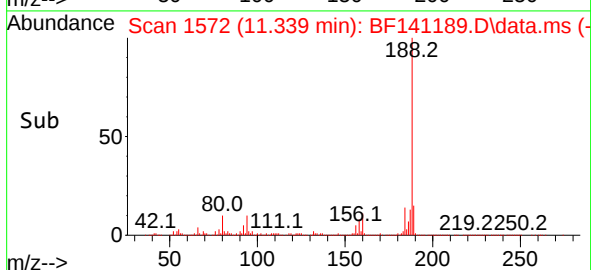
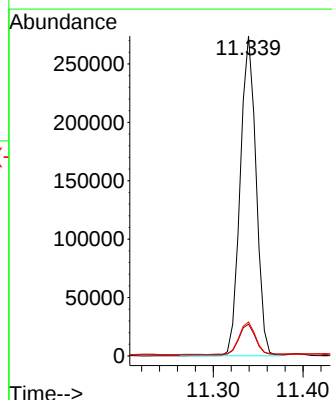
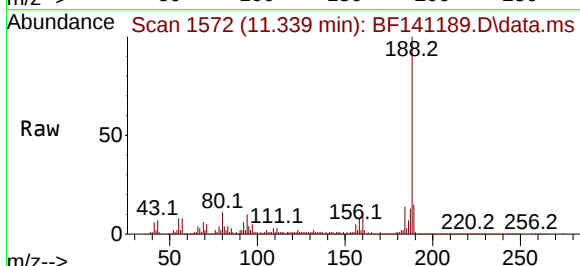
Tgt Ion: 188 Resp: 335416

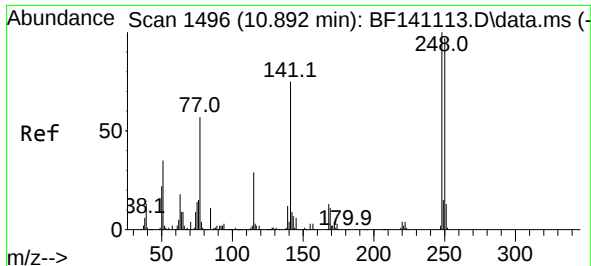
Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.6 9.0 13.4

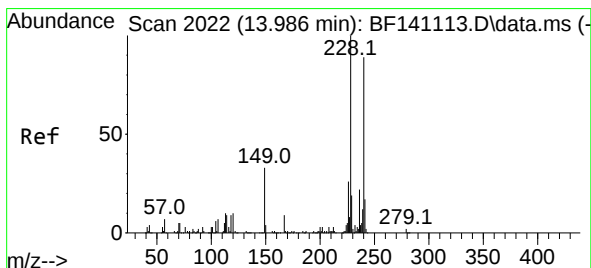
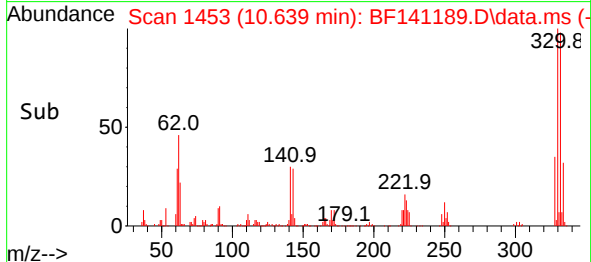
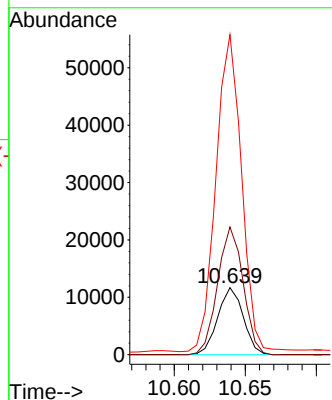
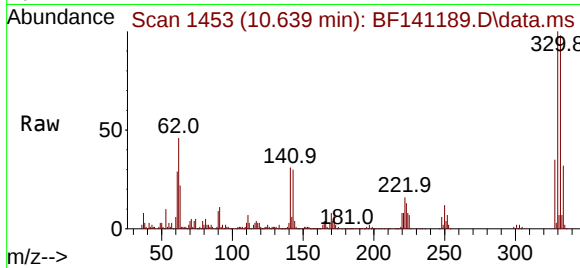




#67
4-Bromophenyl-phenylether
Concen: 3.774 ng
RT: 10.639 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

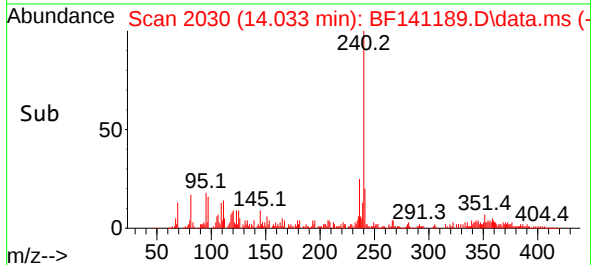
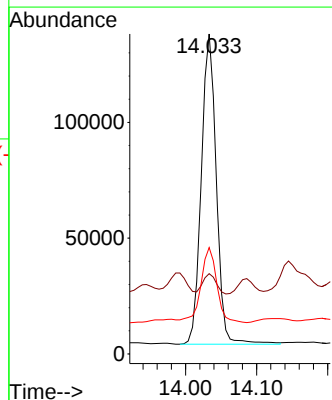
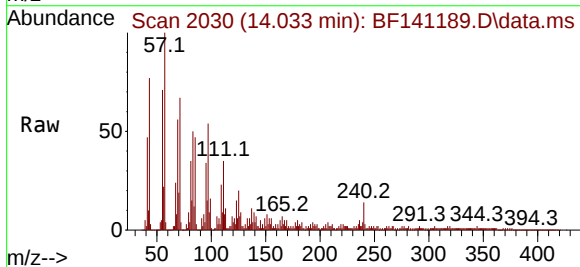
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

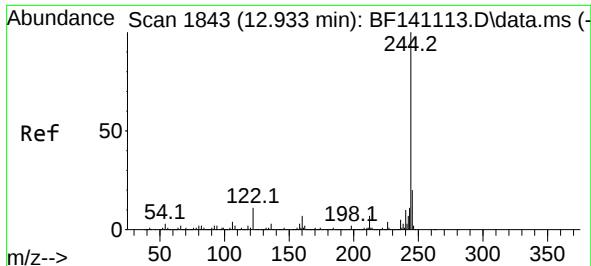
Tgt Ion:248 Resp: 14573
Ion Ratio Lower Upper
248 100
250 190.6 77.9 116.9#
141 477.5 59.9 89.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.047 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Tgt Ion:240 Resp: 197767
Ion Ratio Lower Upper
240 100
120 25.1 9.1 13.7#
236 33.3 19.8 29.6#

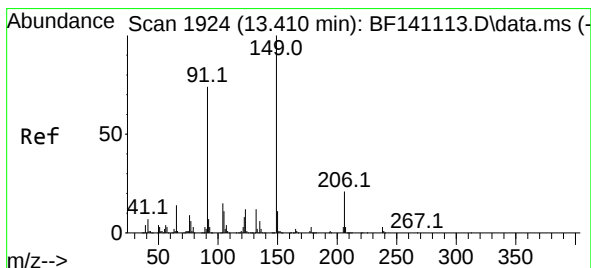
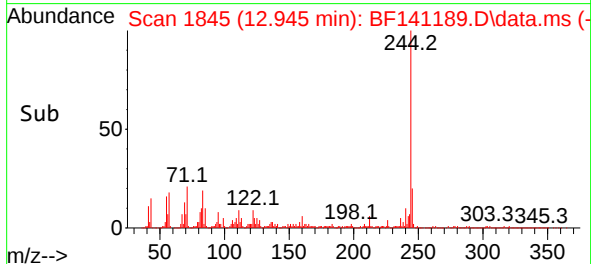
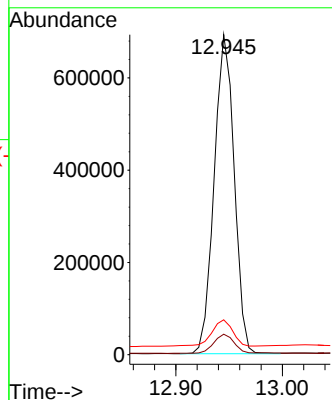
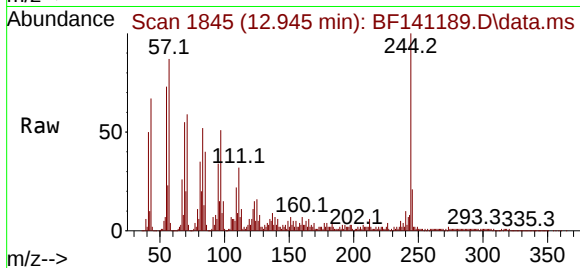




#79
 Terphenyl-d14
 Concen: 67.827 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.012 min
 Lab File: BF141189.D
 Acq: 16 Jan 2025 16:58

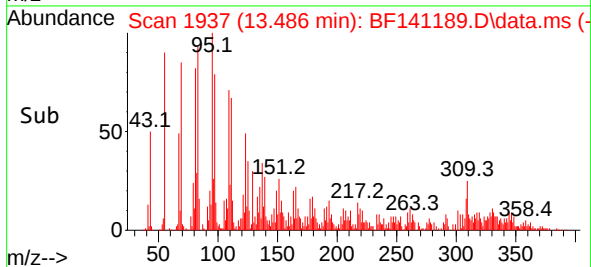
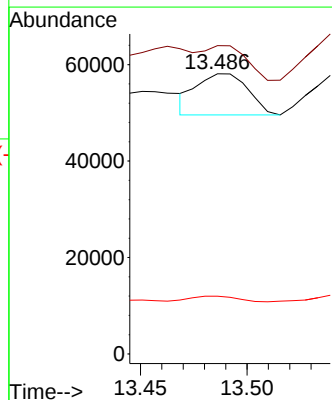
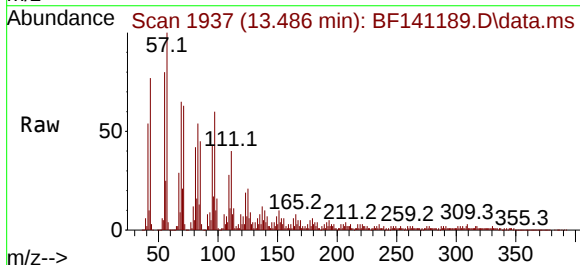
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE-COMP

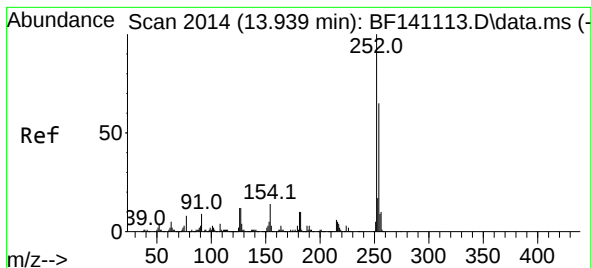
Tgt Ion:244 Resp: 902498
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 2.271 ng
 RT: 13.486 min Scan# 1937
 Delta R.T. 0.076 min
 Lab File: BF141189.D
 Acq: 16 Jan 2025 16:58

Tgt Ion:149 Resp: 14301
 Ion Ratio Lower Upper
 149 100
 91 110.0 59.0 88.6#
 206 20.6 16.5 24.7





#82

3,3'-Dichlorobenzidine

Concen: 3.455 ng

RT: 14.027 min Scan# 2014

Delta R.T. 0.088 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-COMP

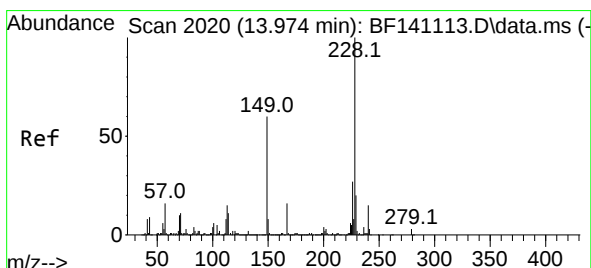
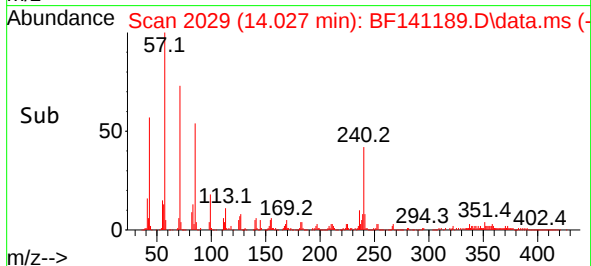
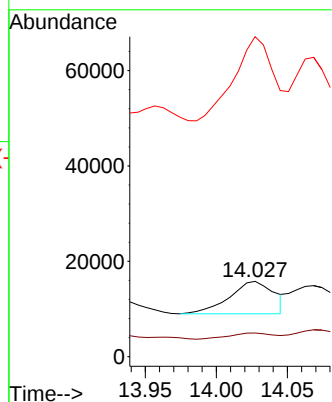
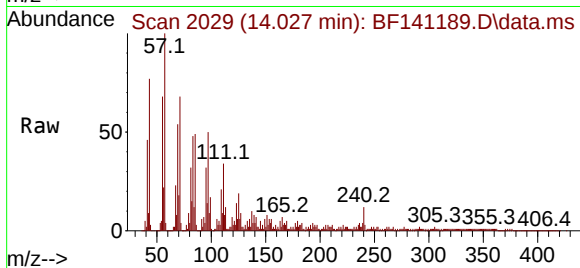
Tgt Ion:252 Resp: 14809

Ion Ratio Lower Upper

252 100

254 31.4 52.0 78.0#

126 424.9 9.4 14.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.302 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

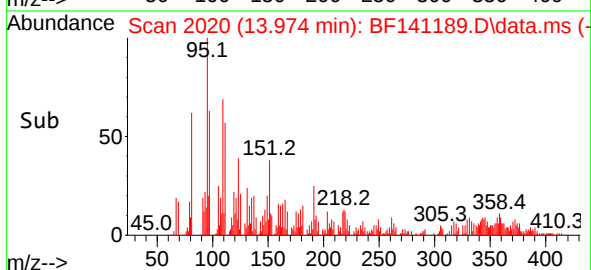
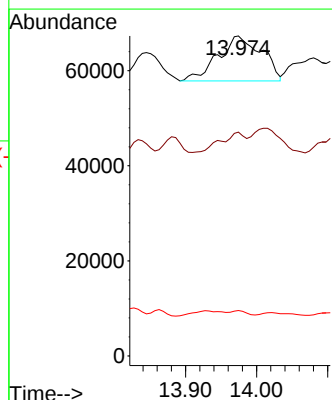
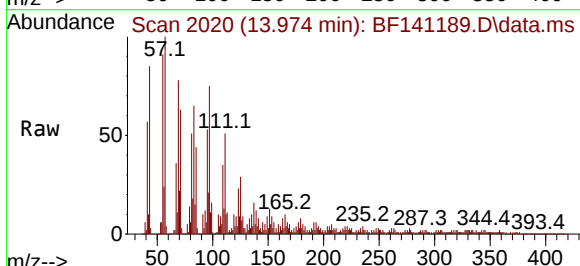
Tgt Ion:149 Resp: 40066

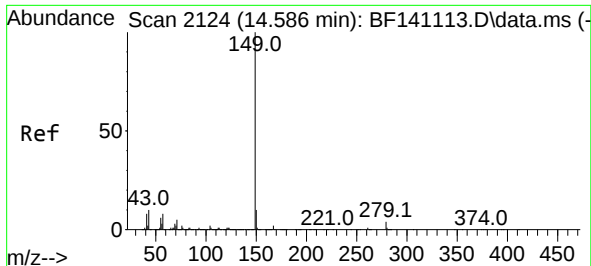
Ion Ratio Lower Upper

149 100

167 69.9 21.4 32.2#

279 14.2 3.4 5.2#

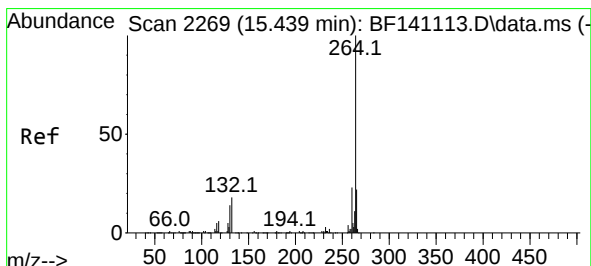
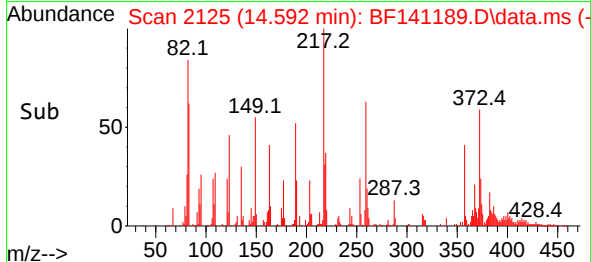
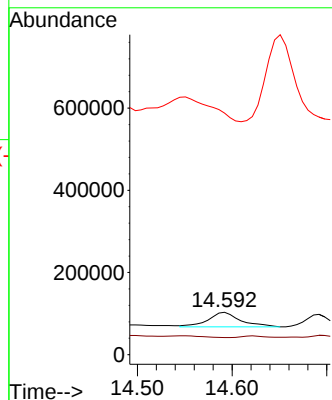
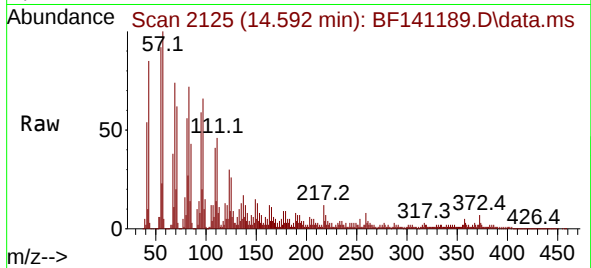




#85
Di-n-octyl phthalate
Concen: 7.380 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

Tgt Ion:149 Resp: 84208
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 8.4 12.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.106 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Tgt Ion:264 Resp: 189264
Ion Ratio Lower Upper
264 100
260 26.8 18.6 28.0
265 26.2 17.4 26.0#

