

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 17:38:14 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

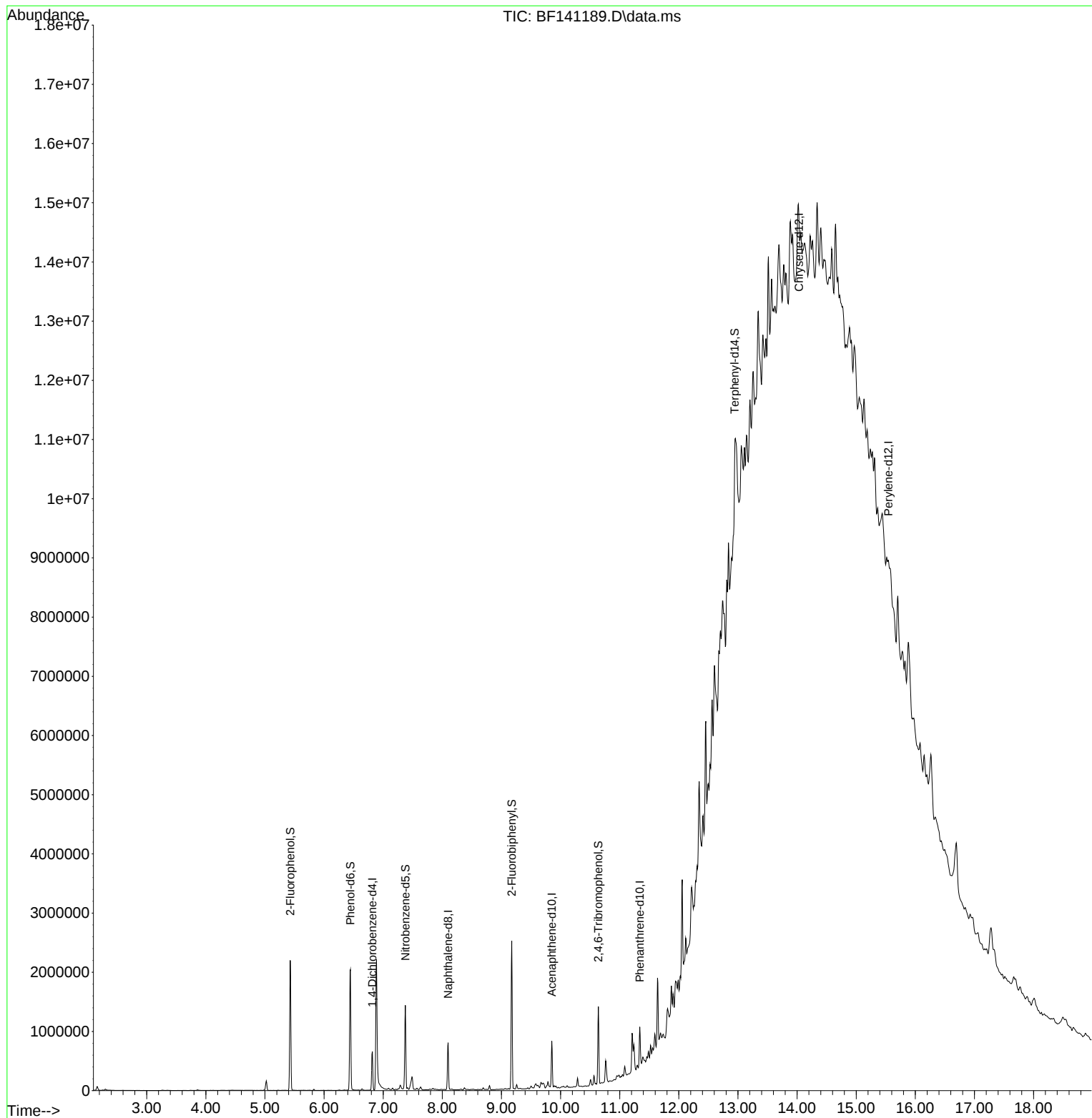
Target Compounds	Qvalue

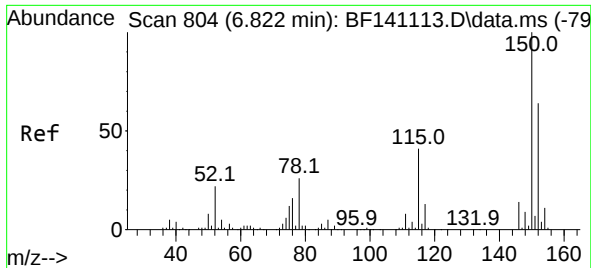
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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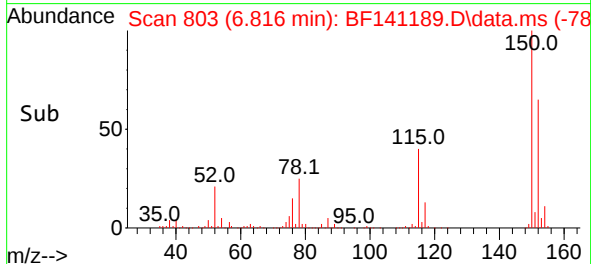
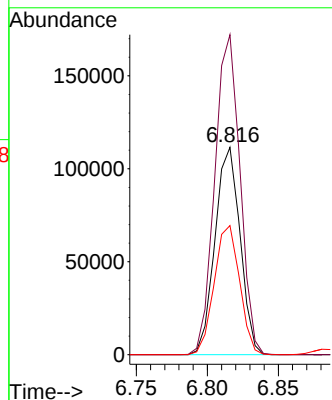
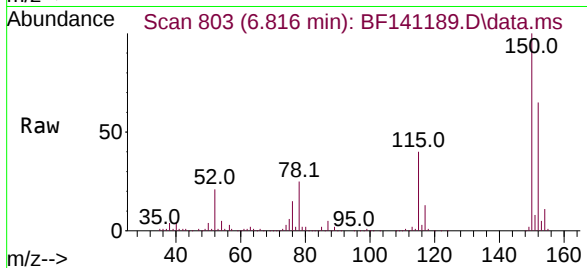




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

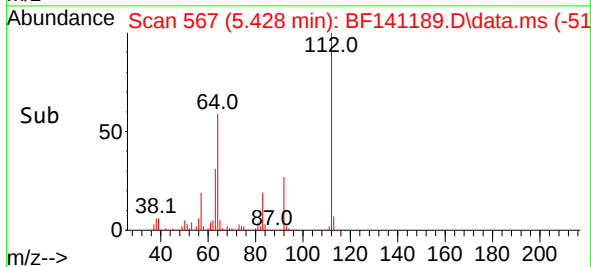
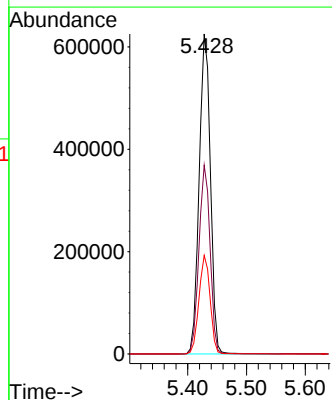
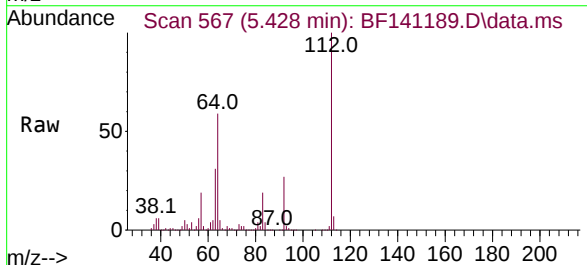
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

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

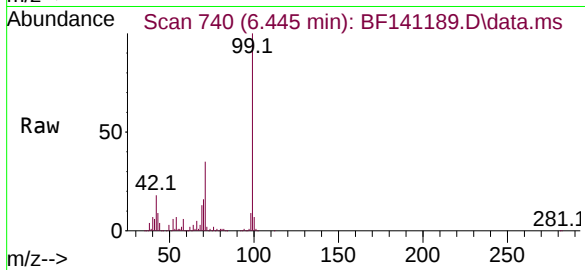
Tgt Ion:112 Resp: 831503
Ion Ratio Lower Upper
112 100
64 59.0 47.3 70.9
63 30.8 24.2 36.2





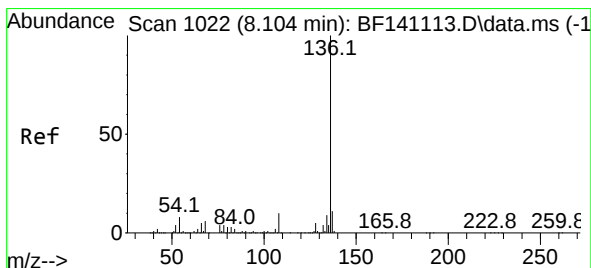
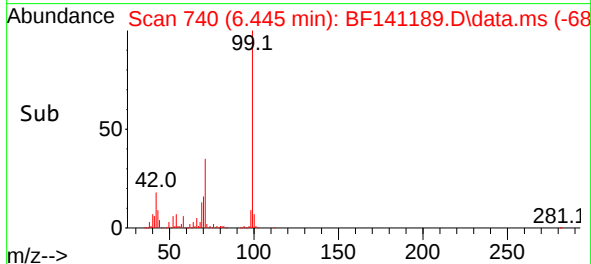
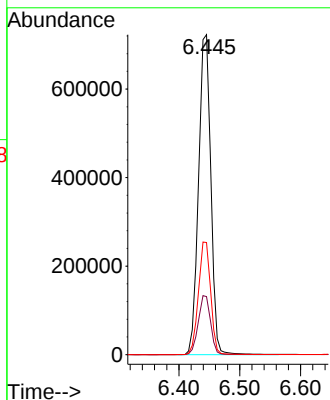
#7
Phenol-d6
Concen: 90.183 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP



Tgt Ion: 99 Resp: 1013625

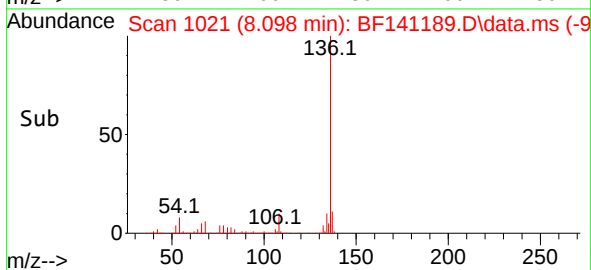
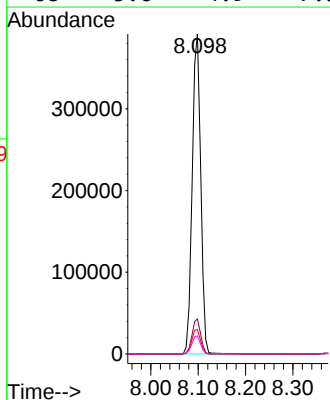
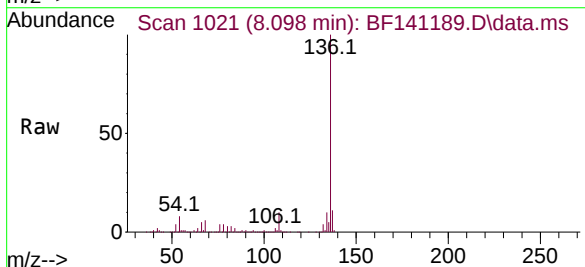
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	35.0	27.6	41.4

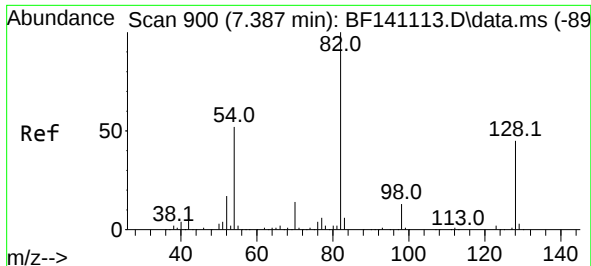


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

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

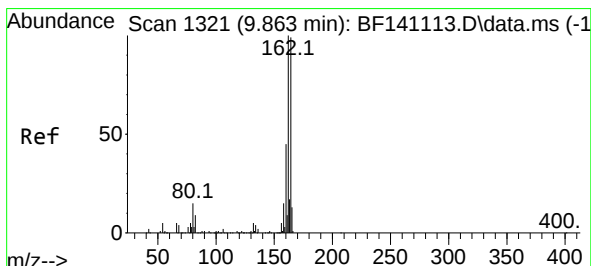
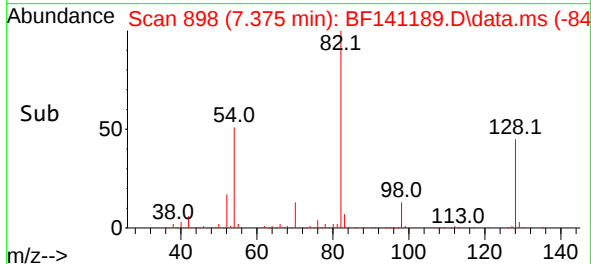
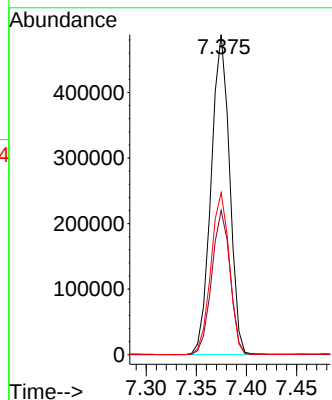
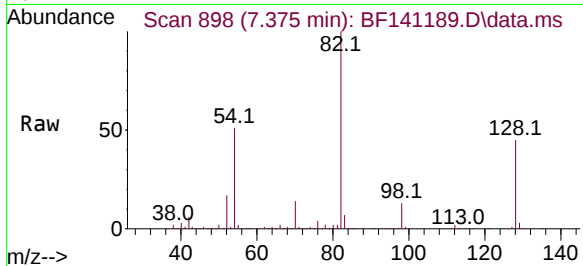




#23
Nitrobenzene-d5
Concen: 67.595 ng
RT: 7.375 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

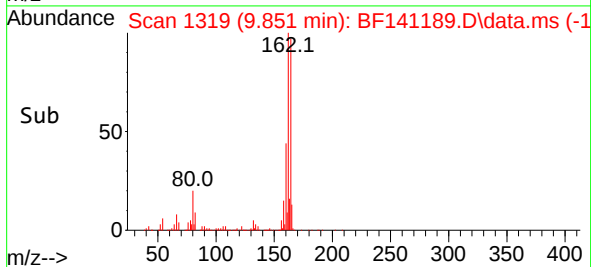
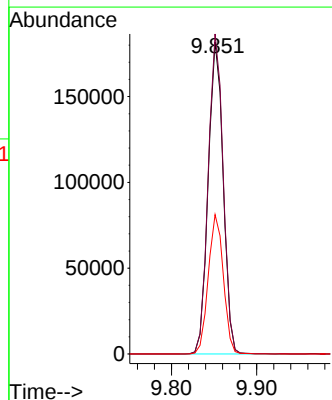
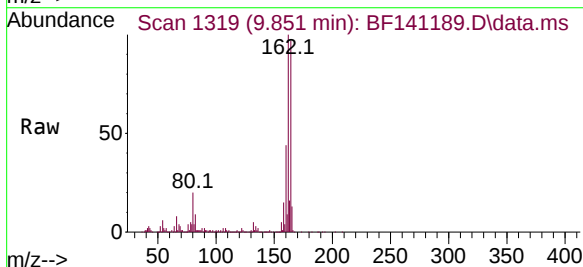
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

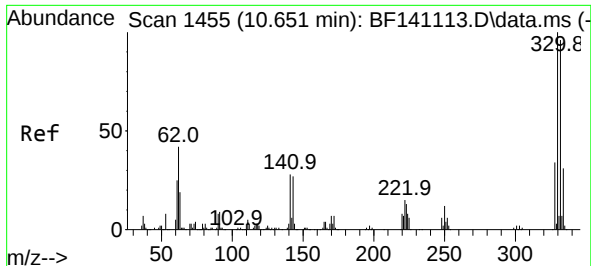
Tgt Ion: 82 Resp: 624978
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 50.6 41.0 61.4



#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

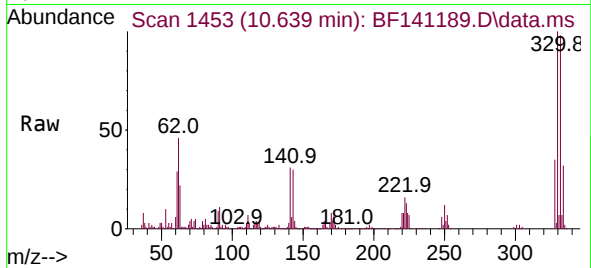
Tgt Ion:164 Resp: 221427
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 44.7 36.1 54.1



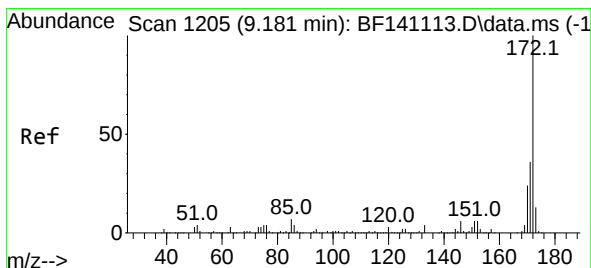
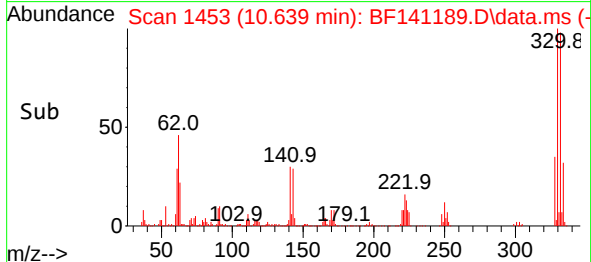
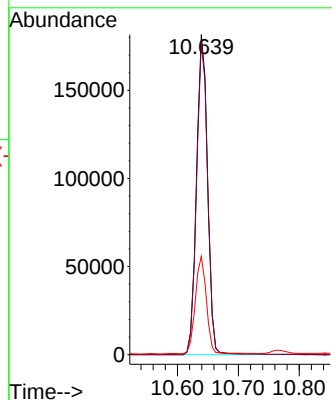


#42
2,4,6-Tribromophenol
Concen: 90.697 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-COMP

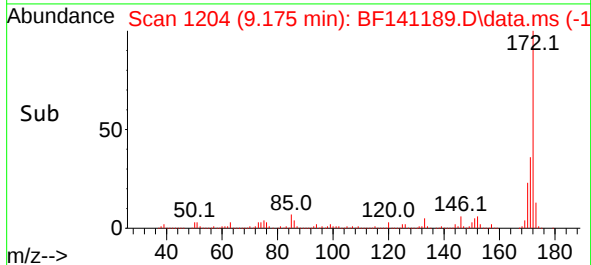
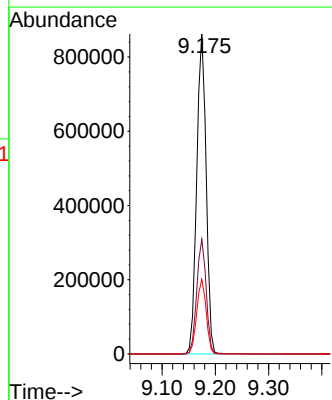
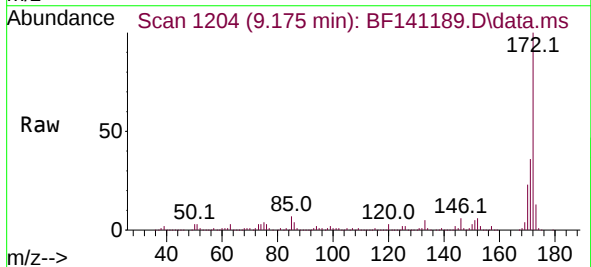


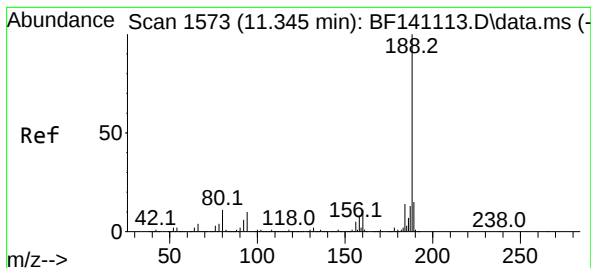
Tgt Ion:330 Resp: 228829
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 30.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 73.418 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141189.D
Acq: 16 Jan 2025 16:58

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141189.D

Acq: 16 Jan 2025 16:58

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-COMP

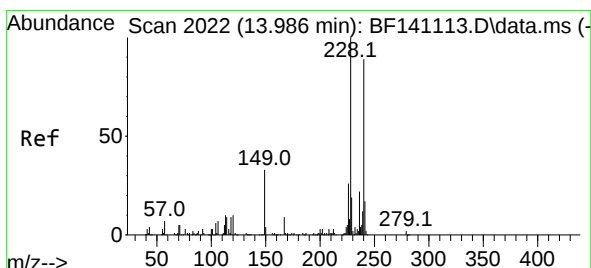
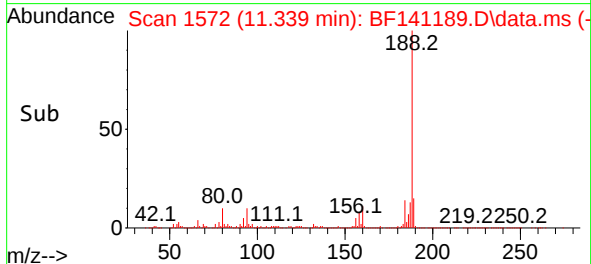
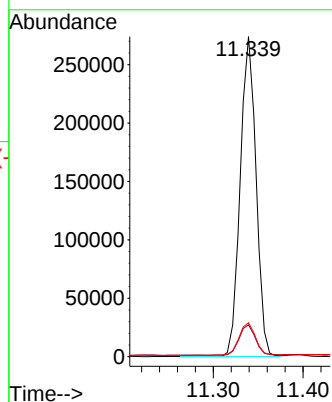
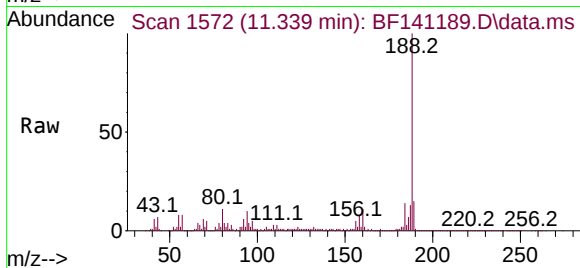
Tgt Ion:188 Resp: 335416

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.6 9.0 13.4



#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

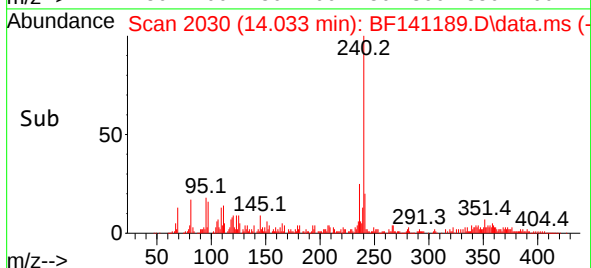
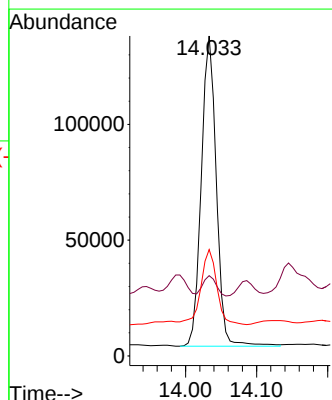
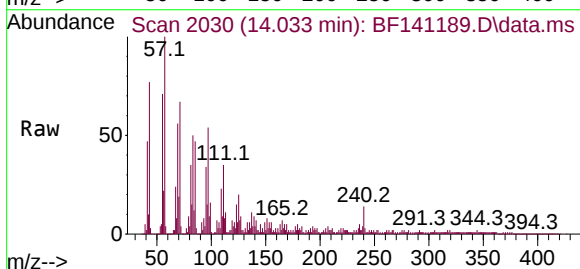
Tgt Ion:240 Resp: 197767

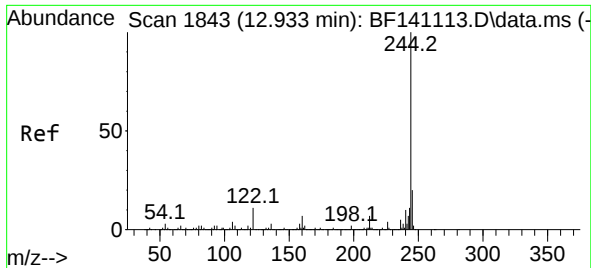
Ion Ratio Lower Upper

240 100

120 25.1 9.1 13.7#

236 33.3 19.8 29.6#

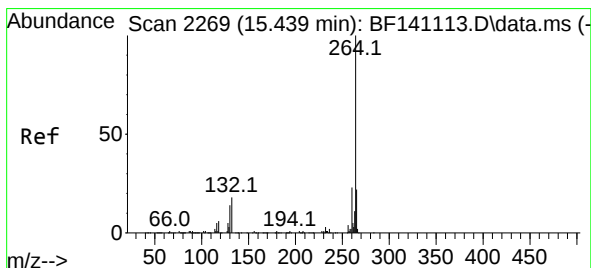
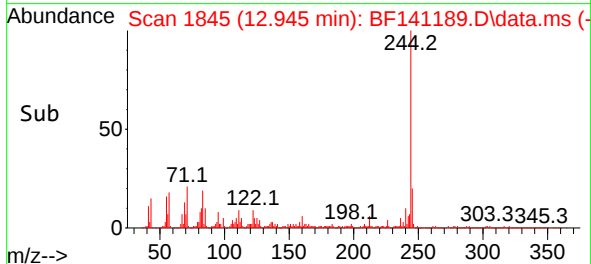
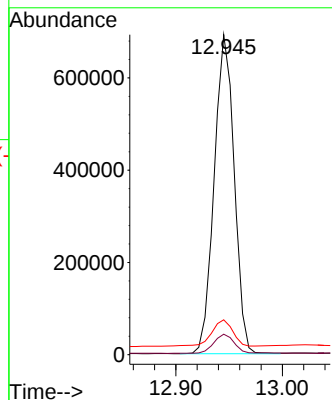
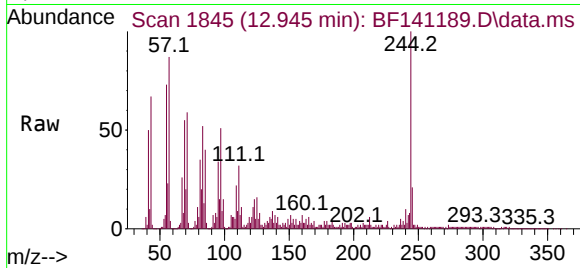




#79
 Terphenyl-d14
 Concen: 67.827 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF141189.D
 Acq: 16 Jan 2025 16:58

Instrument :
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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



#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#

