

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140889.D
 Acq On : 17 Dec 2024 16:56
 Operator : RC/JU
 Sample : P5287-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONES-A

Quant Time: Dec 18 00:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

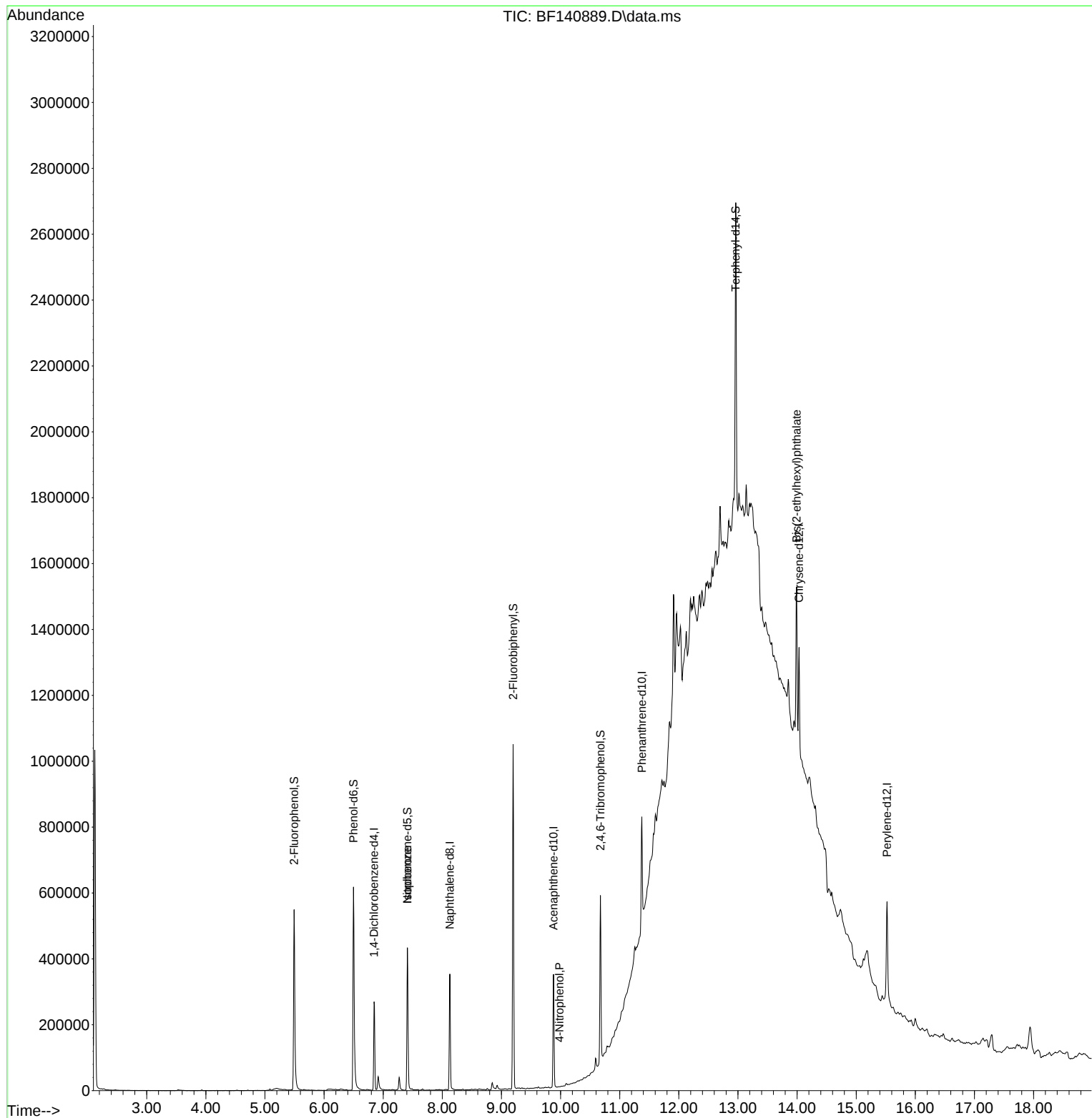
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	60244	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218663	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	100194	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	174712	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	158241	20.000	ng	0.00
86) Perylene-d12	15.521	264	168916	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	237625	64.932	ng	0.00
7) Phenol-d6	6.498	99	330956	68.278	ng	0.00
23) Nitrobenzene-d5	7.410	82	198112	45.329	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	89238	75.306	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	454618	62.382	ng	0.00
79) Terphenyl-d14	12.963	244	475219	47.355	ng	0.00
Target Compounds						
25) Isophorone	7.410	82	194845	26.607	ng	# 65
56) 4-Nitrophenol	9.980	139	53	4.500	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.992	149	201961	30.251	ng	100

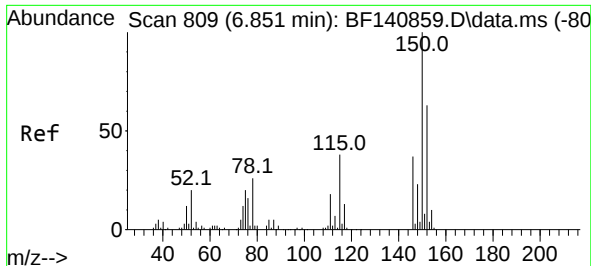
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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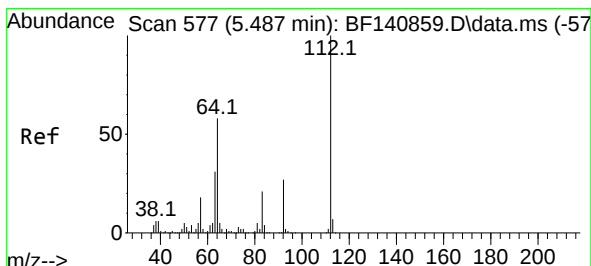
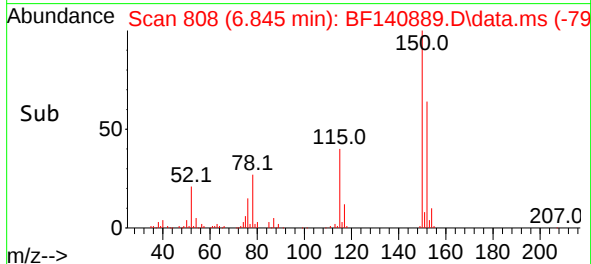
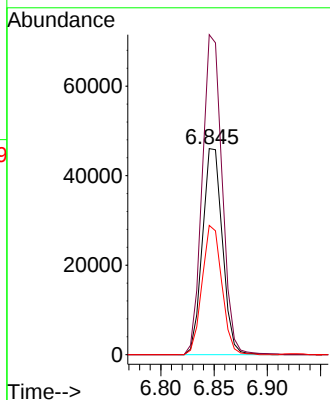
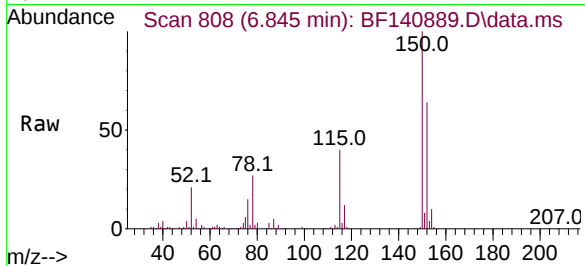




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: BF140889.D
 Acq: 17 Dec 2024 16:56

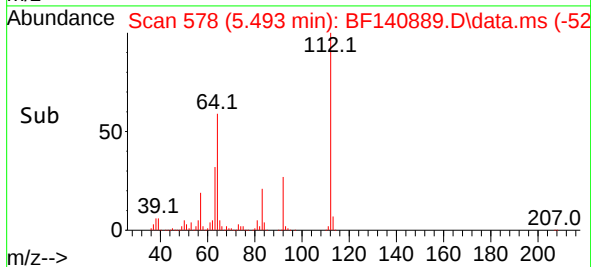
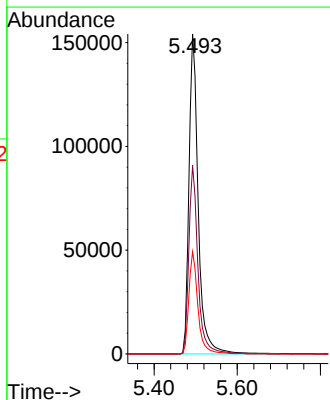
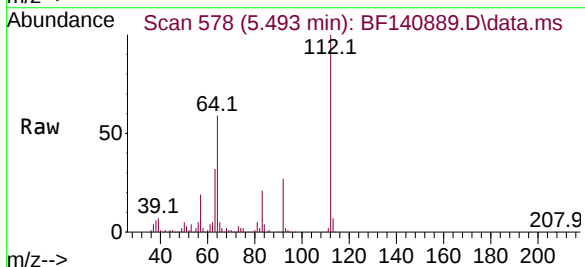
Instrument :
 BNA_F
 ClientSampleId :
 STONES-A

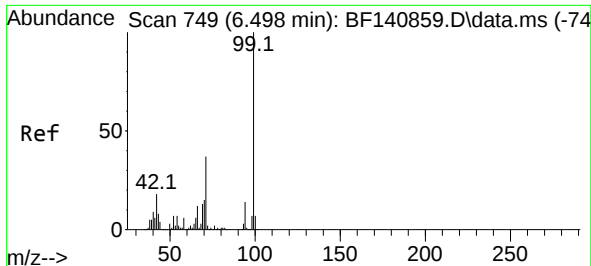
Tgt Ion:152 Resp: 60244
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.9 191.9
 115 62.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 64.932 ng
 RT: 5.493 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF140889.D
 Acq: 17 Dec 2024 16:56

Tgt Ion:112 Resp: 237625
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.1 69.1
 63 32.0 24.9 37.3

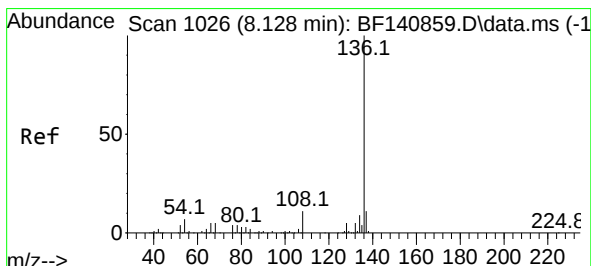
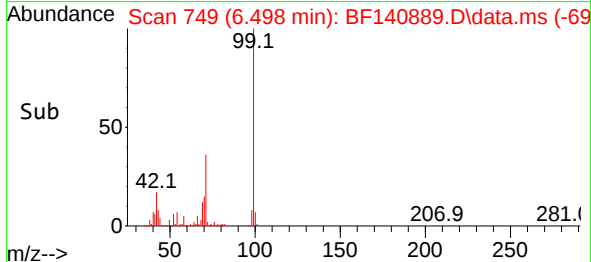
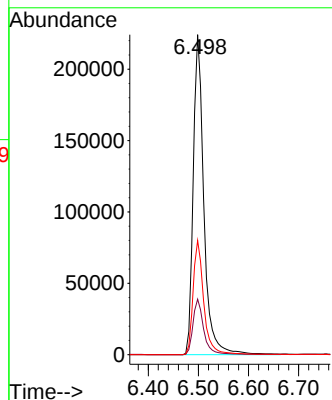
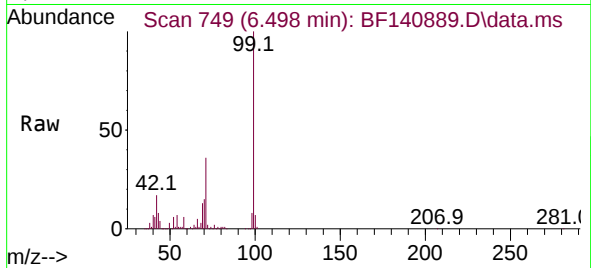




#7
Phenol-d6
Concen: 68.278 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

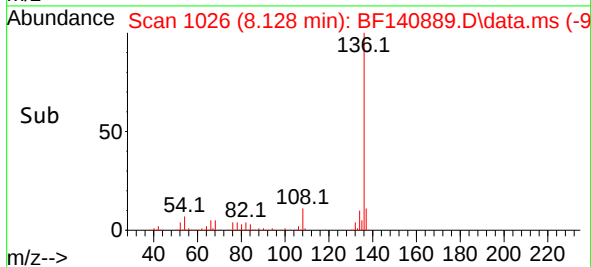
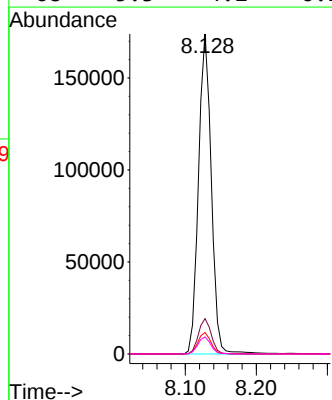
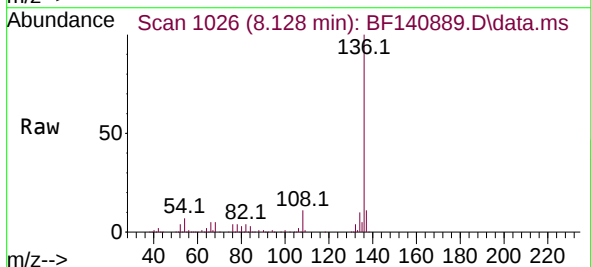
Instrument :
BNA_F
ClientSampleId :
STONES-A

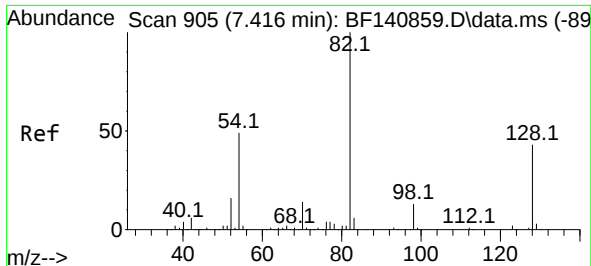
Tgt Ion: 99 Resp: 330956
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 35.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

Tgt Ion: 136 Resp: 218663
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.7 5.6 8.4
68 5.3 4.2 6.2

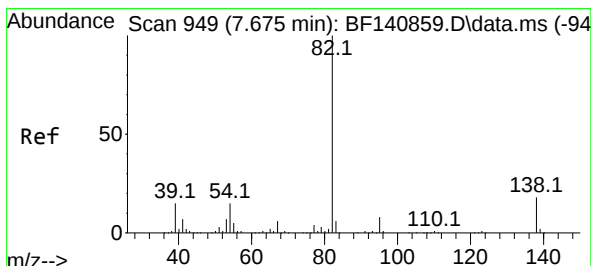
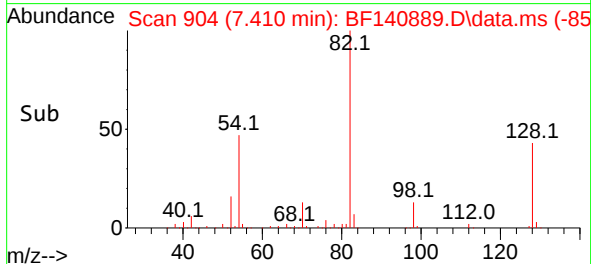
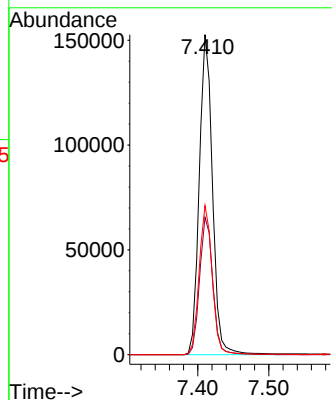
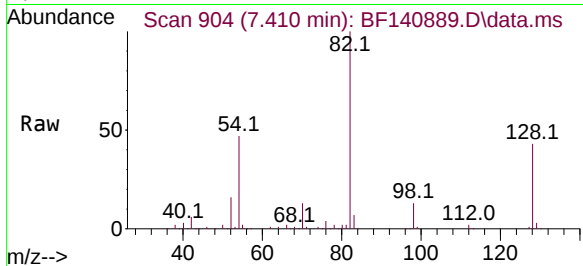




#23
Nitrobenzene-d5
Concen: 45.329 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

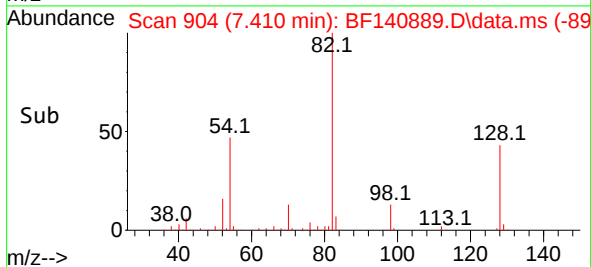
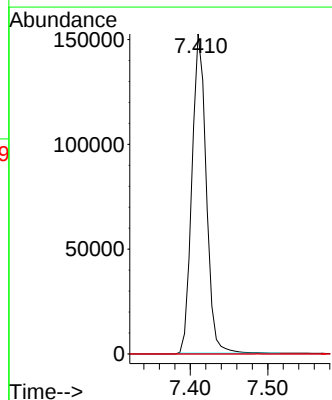
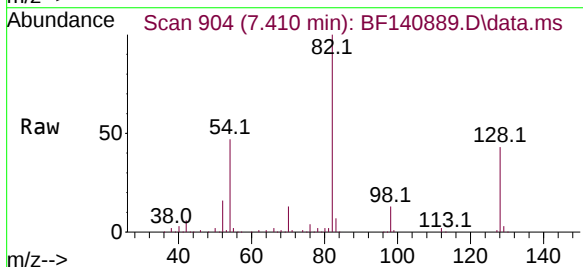
Instrument :
BNA_F
ClientSampleId :
STONES-A

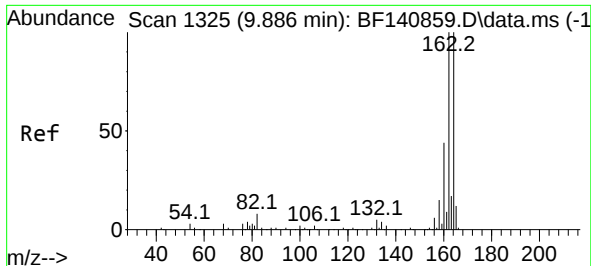
Tgt Ion: 82 Resp: 198112
Ion Ratio Lower Upper
82 100
128 42.9 34.4 51.6
54 46.6 38.8 58.2



#25
Isophorone
Concen: 26.607 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

Tgt Ion: 82 Resp: 194845
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#

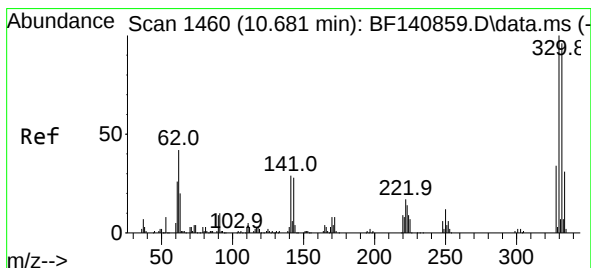
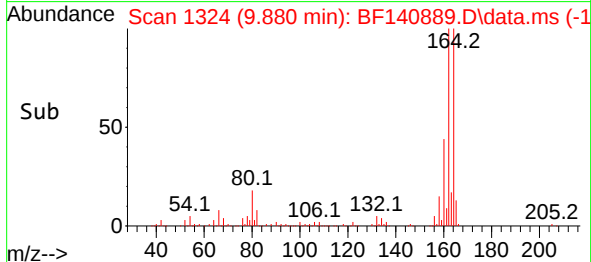
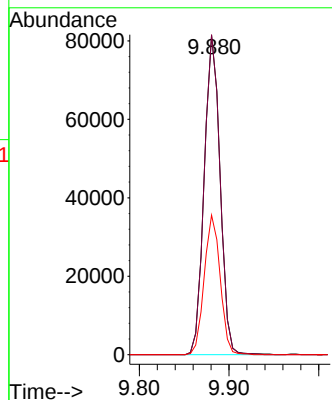
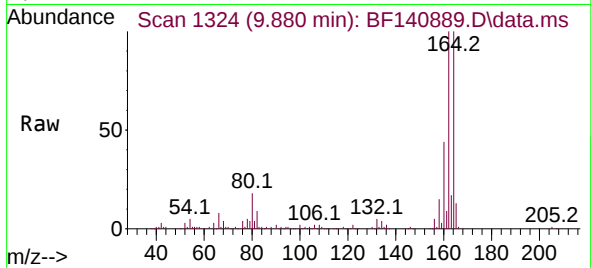




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

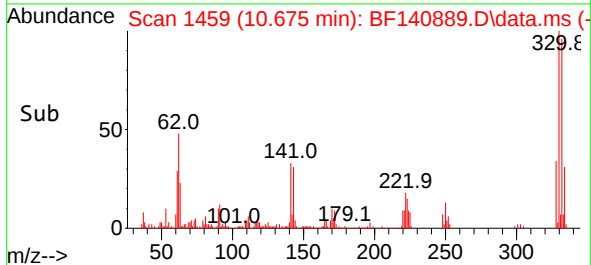
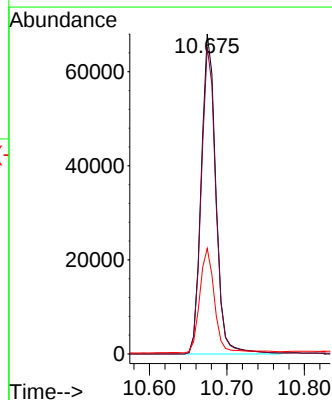
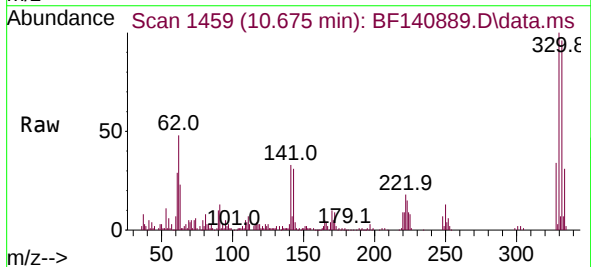
Instrument :
BNA_F
ClientSampleId :
STONES-A

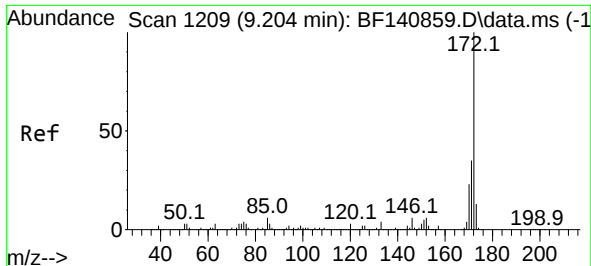
Tgt Ion:164 Resp: 100194
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 43.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 75.306 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

Tgt Ion:330 Resp: 89238
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 32.7 24.9 37.3

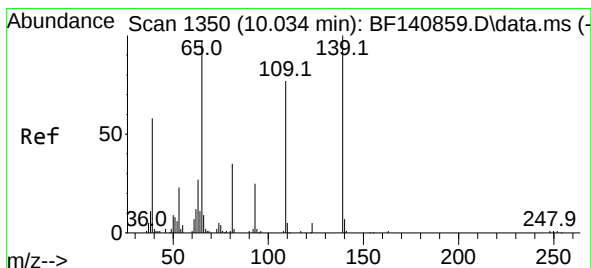
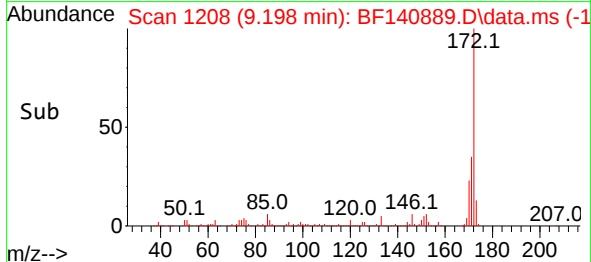
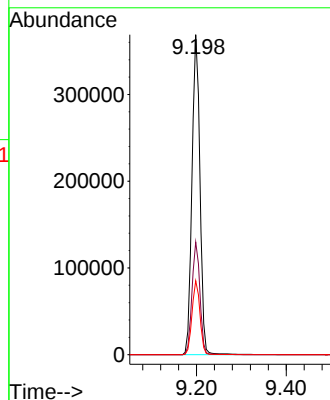
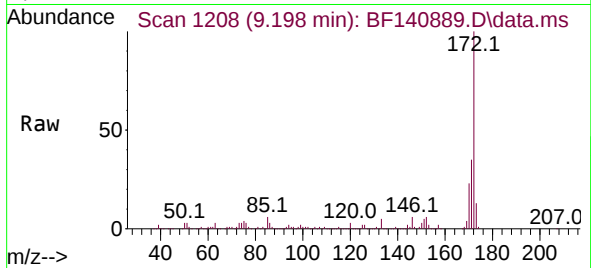




#45
2-Fluorobiphenyl
Concen: 62.382 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

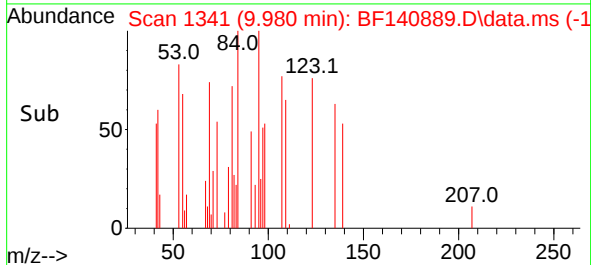
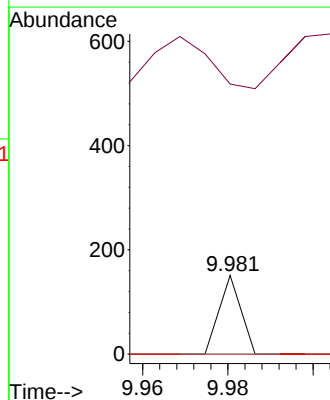
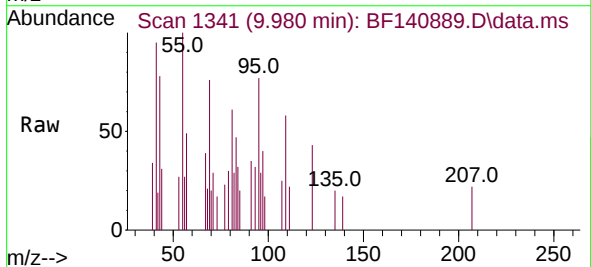
Instrument :
BNA_F
ClientSampleId :
STONES-A

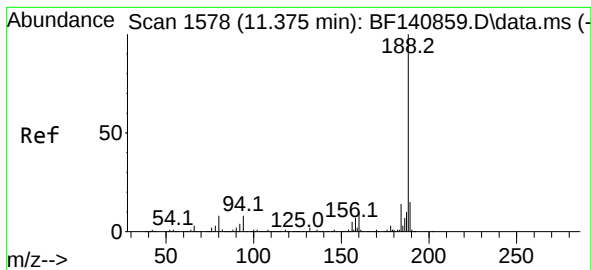
Tgt Ion:172 Resp: 454618
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.1 18.6 28.0



#56
4-Nitrophenol
Concen: 4.500 ng
RT: 9.980 min Scan# 1341
Delta R.T. -0.054 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 343.0 56.7 96.7#
65 0.0 78.1 118.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140889.D

Acq: 17 Dec 2024 16:56

Instrument :

BNA_F

ClientSampleId :

STONES-A

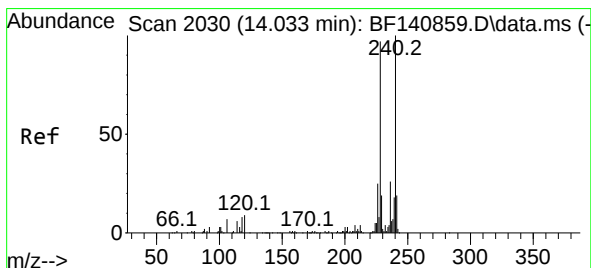
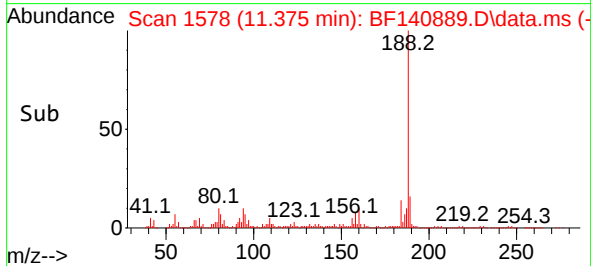
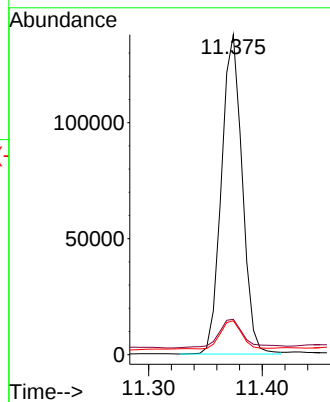
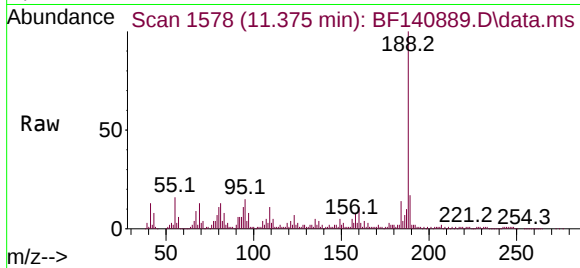
Tgt Ion:188 Resp: 174712

Ion Ratio Lower Upper

188 100

94 11.0 6.4 9.6#

80 10.6 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140889.D

Acq: 17 Dec 2024 16:56

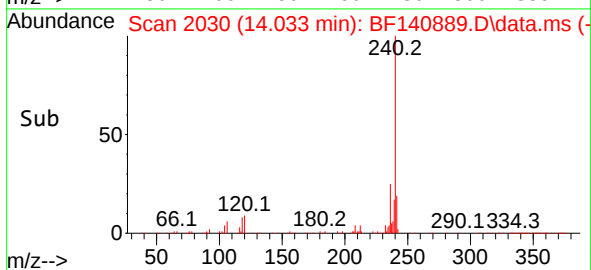
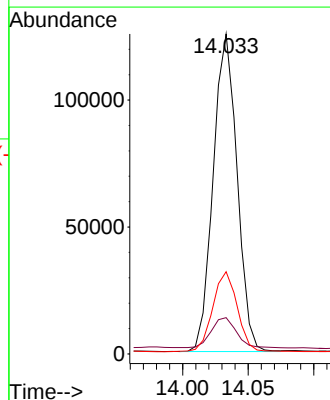
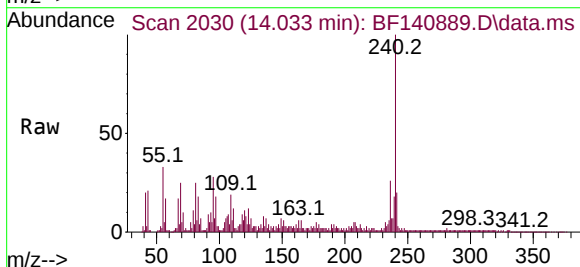
Tgt Ion:240 Resp: 158241

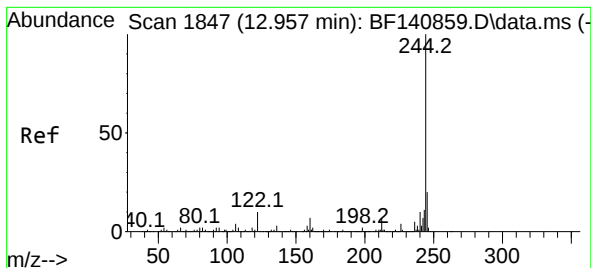
Ion Ratio Lower Upper

240 100

120 11.3 7.6 11.4

236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 47.355 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140889.D

Acq: 17 Dec 2024 16:56

Instrument :

BNA_F

ClientSampleId :

STONES-A

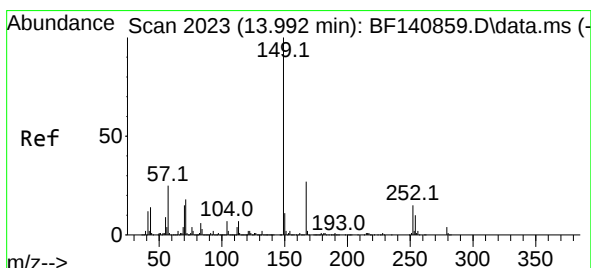
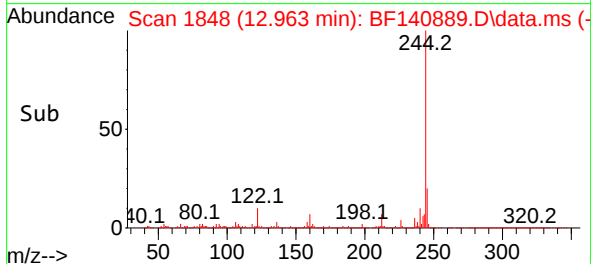
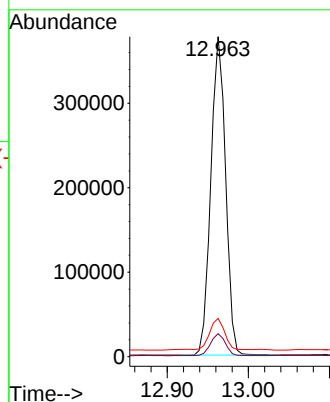
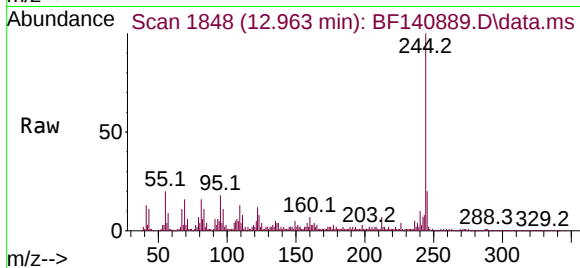
Tgt Ion:244 Resp: 475219

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.9 8.2 12.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.251 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140889.D

Acq: 17 Dec 2024 16:56

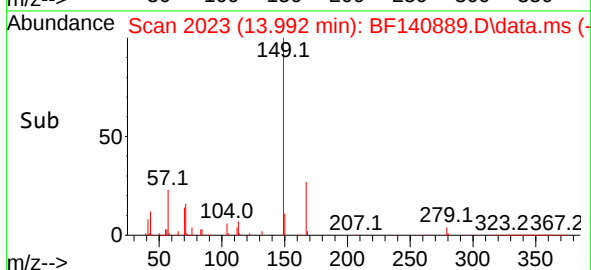
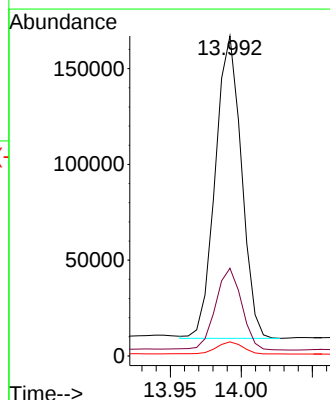
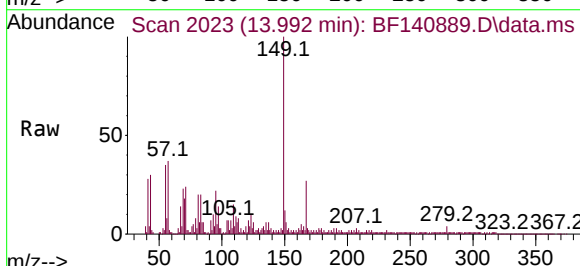
Tgt Ion:149 Resp: 201961

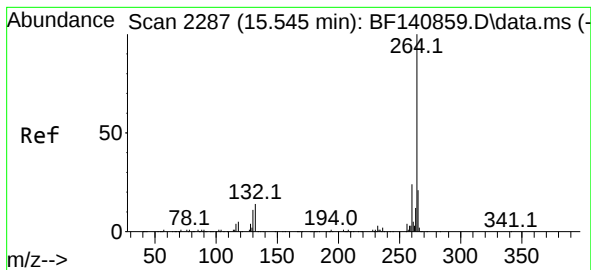
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.4 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140889.D
Acq: 17 Dec 2024 16:56

Instrument :
BNA_F
ClientSampleId :
STONES-A

Tgt Ion:264 Resp: 168916

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.0	17.0	25.4

