

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143962.D
 Acq On : 15 Oct 2025 19:54
 Operator : RC/JU
 Sample : Q3340-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: Oct 16 11:10:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	103587	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	367291	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	156751	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	162567	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	172072	20.00	ng	# 0.00
86) Perylene-d12	15.557	264	246956	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	449104	68.85	ng	0.00
7) Phenol-d6	6.498	99	618524	79.55	ng	-0.02
23) Nitrobenzene-d5	7.440	82	408925	67.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	63405	40.61	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	727343	73.63	ng	-0.01
79) Terphenyl-d14	13.022	244	489342	48.60	ng	0.01

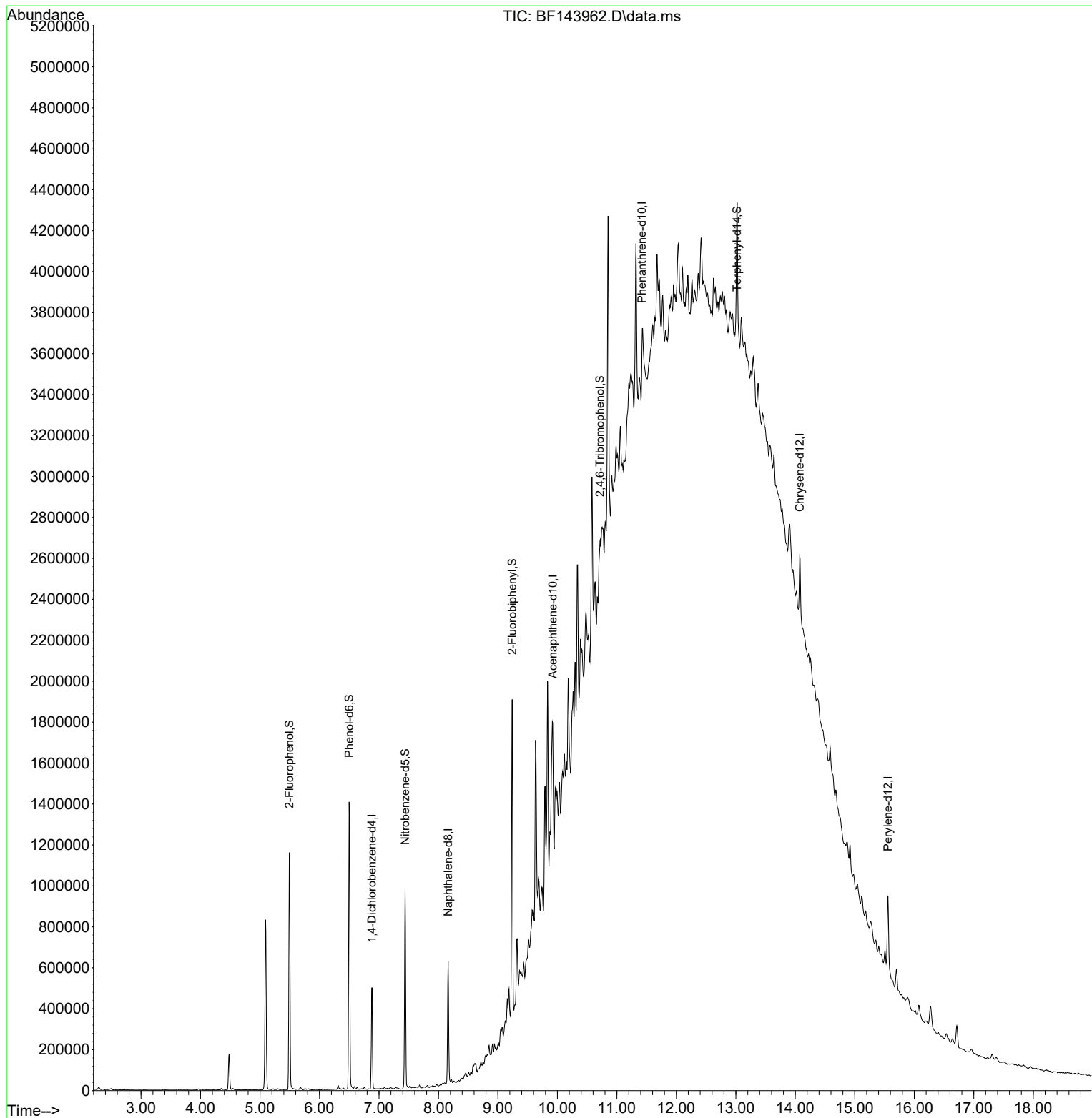
Target Compounds	Qvalue

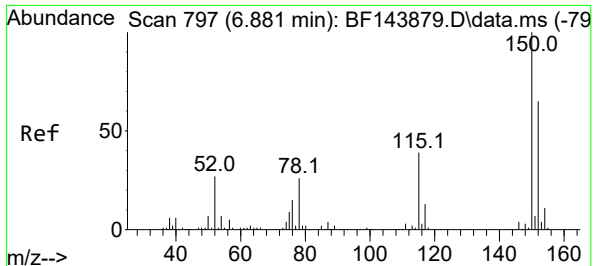
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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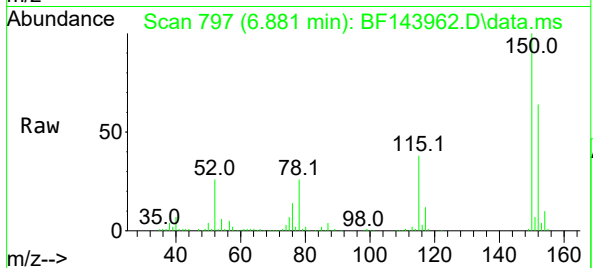
Quant Time: Oct 16 11:10:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



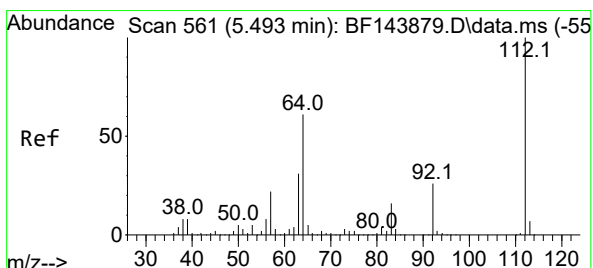
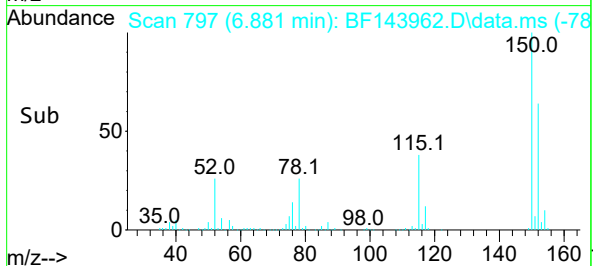
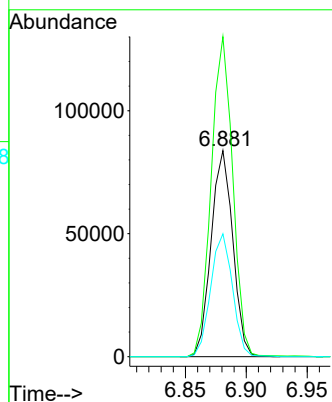


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143962.D
Acq: 15 Oct 2025 19:54

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

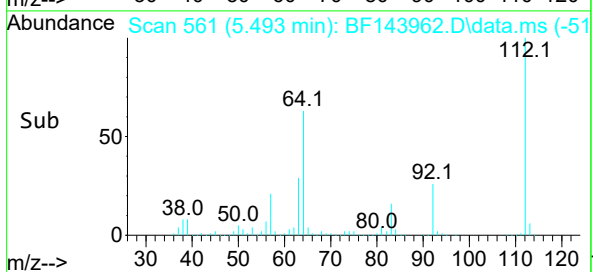
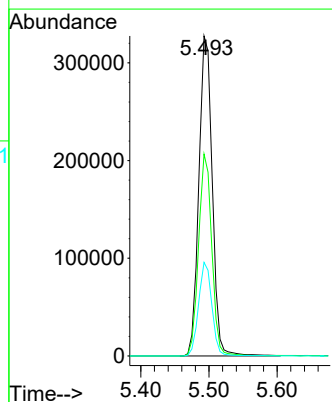
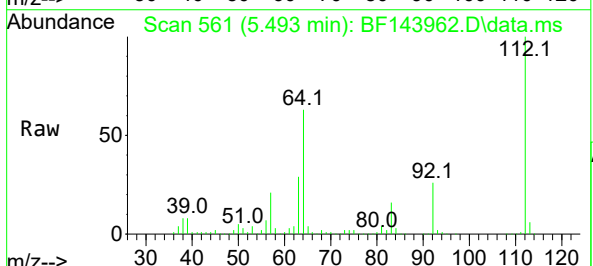


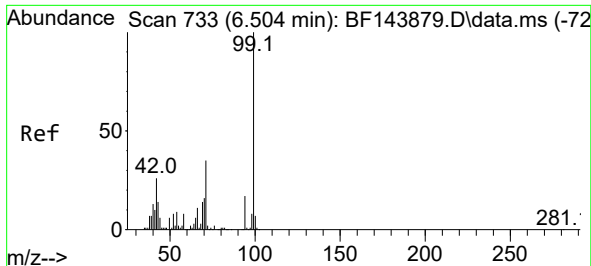
Tgt Ion:152 Resp: 103587
Ion Ratio Lower Upper
152 100
150 155.3 124.4 186.6
115 59.6 48.1 72.1



#5
2-Fluorophenol
Concen: 68.85 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143962.D
Acq: 15 Oct 2025 19:54

Tgt Ion:112 Resp: 449104
Ion Ratio Lower Upper
112 100
64 63.1 49.1 73.7
63 29.3 24.5 36.7

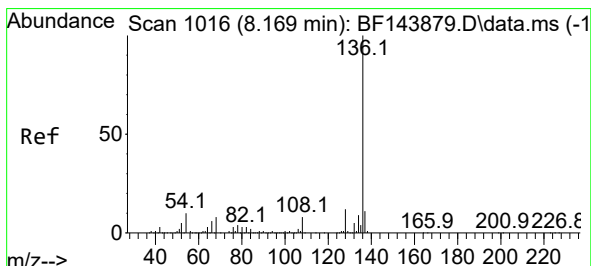
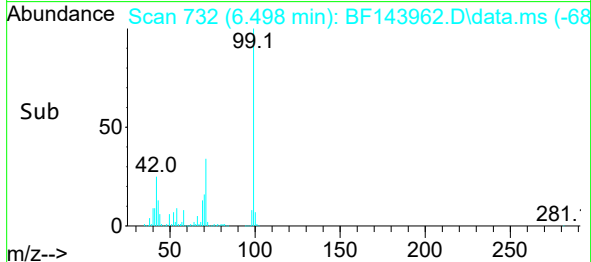
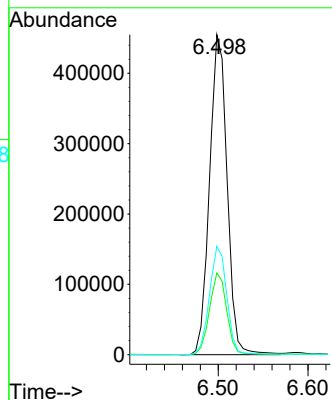
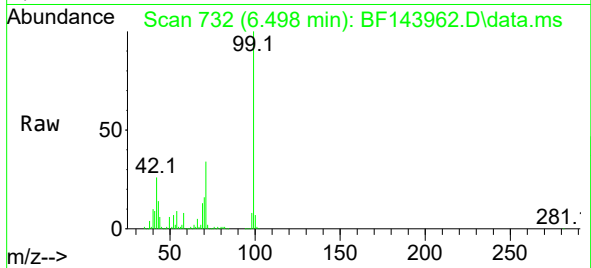




#7
Phenol-d6
Concen: 79.55 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF143962.D
Acq: 15 Oct 2025 19:54

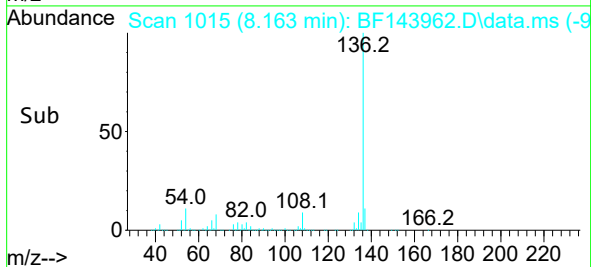
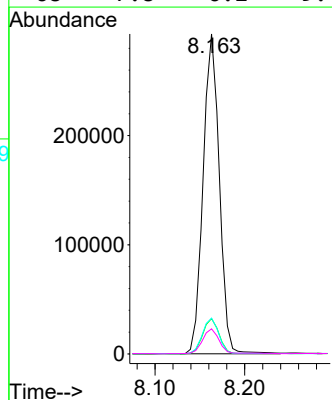
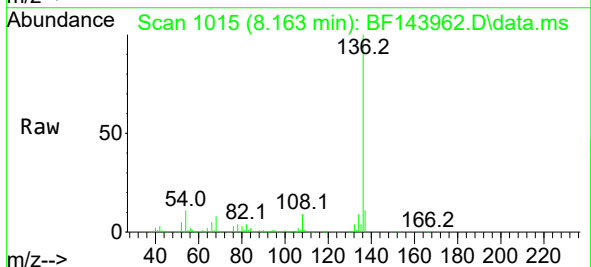
Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

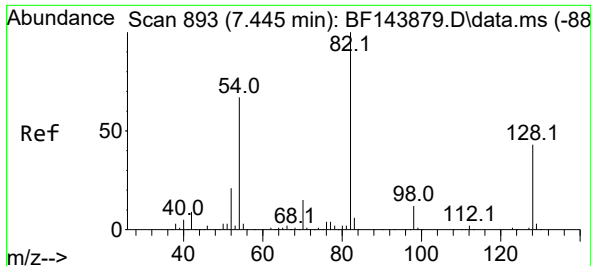
Tgt Ion: 99 Resp: 618524
Ion Ratio Lower Upper
99 100
42 25.5 21.0 31.4
71 33.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143962.D
Acq: 15 Oct 2025 19:54

Tgt Ion: 136 Resp: 367291
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.2 8.2 12.4
68 7.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 67.64 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF143962.D

Acq: 15 Oct 2025 19:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

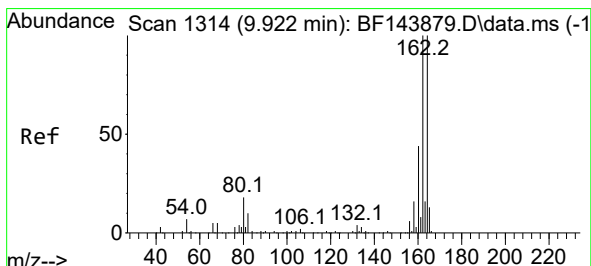
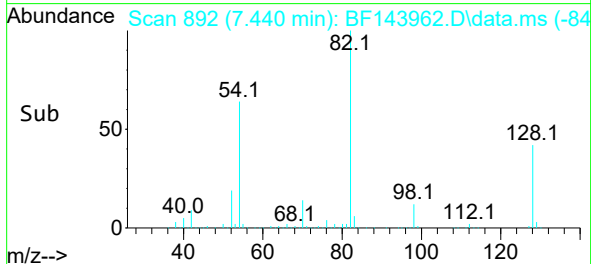
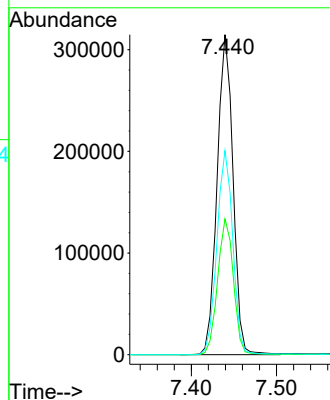
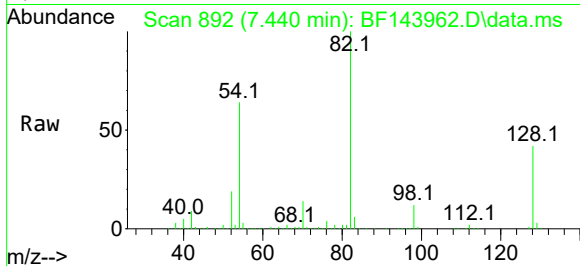
Tgt Ion: 82 Resp: 408925

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

54 63.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143962.D

Acq: 15 Oct 2025 19:54

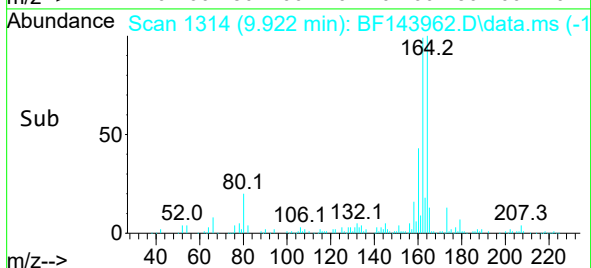
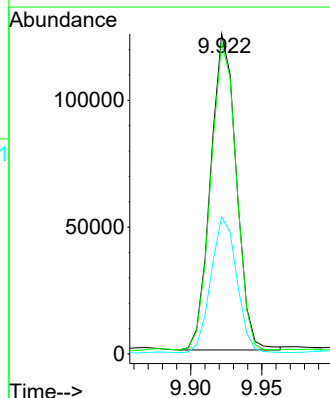
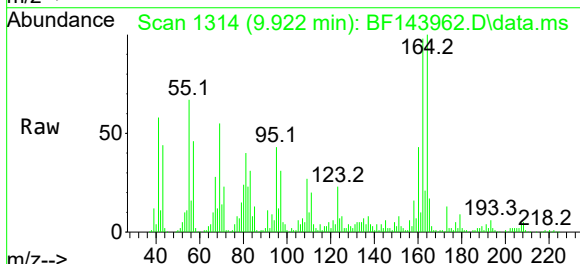
Tgt Ion:164 Resp: 156751

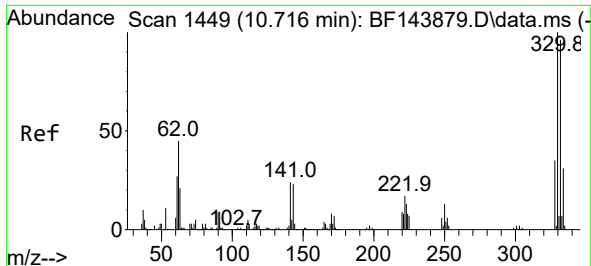
Ion Ratio Lower Upper

164 100

162 97.6 80.2 120.2

160 42.8 35.4 53.0

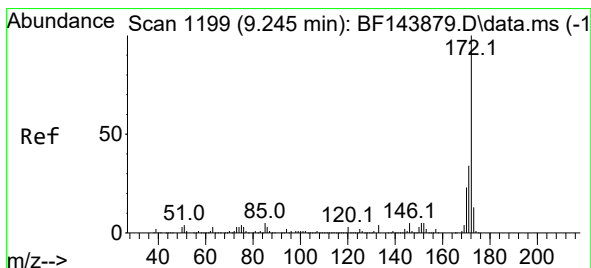
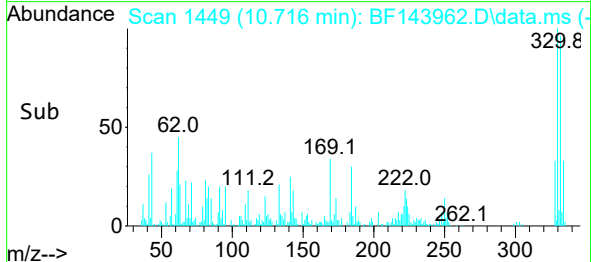
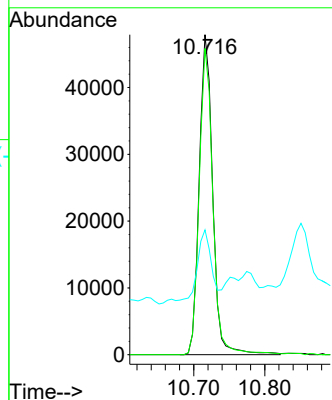
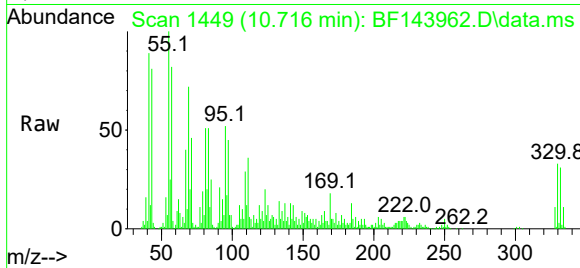




#42
2,4,6-Tribromophenol
Concen: 40.61 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143962.D
Acq: 15 Oct 2025 19:54

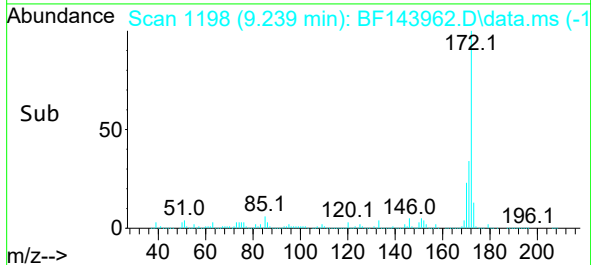
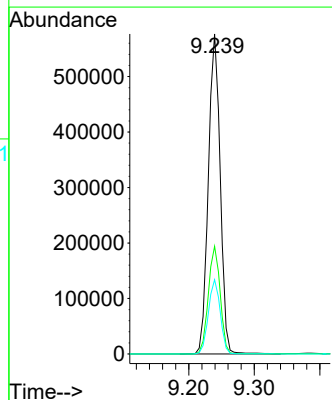
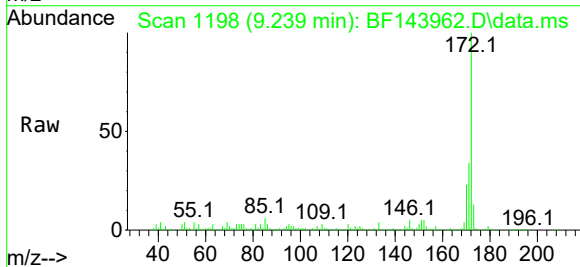
Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

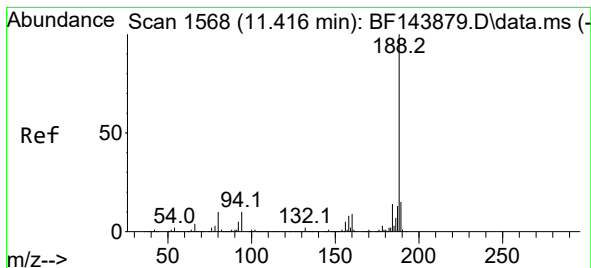
Tgt Ion:330 Resp: 63405
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 21.7 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 73.63 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143962.D
Acq: 15 Oct 2025 19:54

Tgt Ion:172 Resp: 727343
Ion Ratio Lower Upper
172 100
171 33.7 27.4 41.0
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143962.D

Acq: 15 Oct 2025 19:54

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

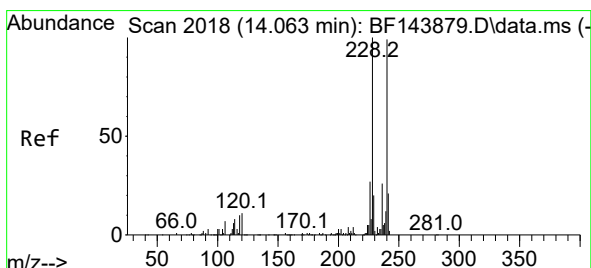
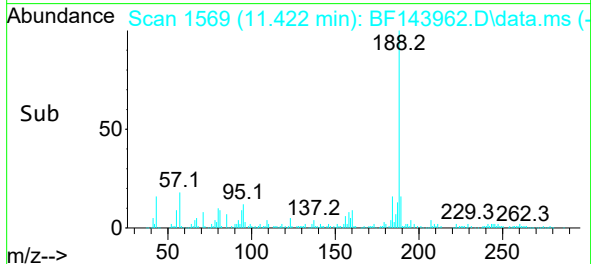
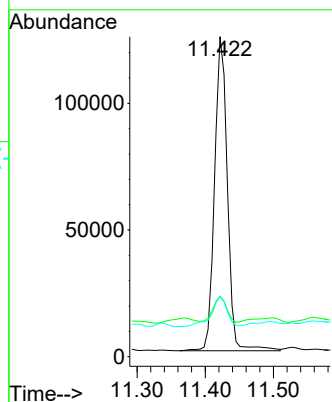
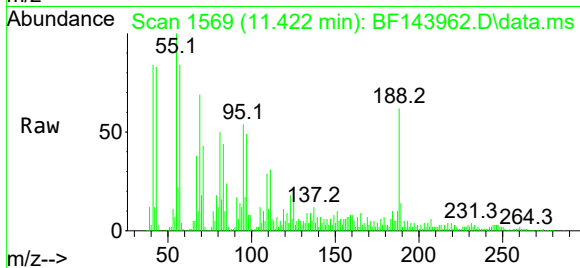
Tgt Ion:188 Resp: 162567

Ion Ratio Lower Upper

188 100

94 18.9 7.8 11.6#

80 18.7 7.9 11.9#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143962.D

Acq: 15 Oct 2025 19:54

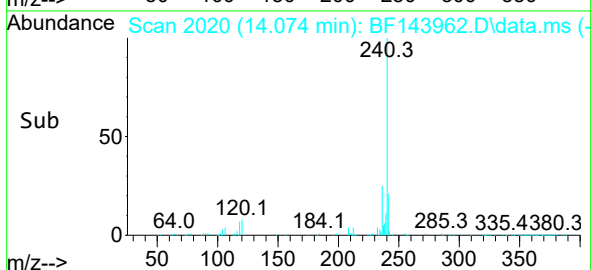
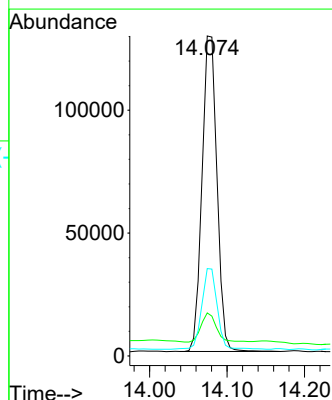
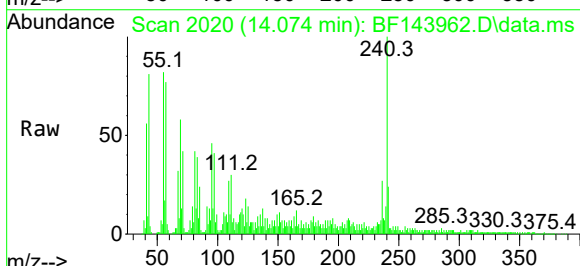
Tgt Ion:240 Resp: 172072

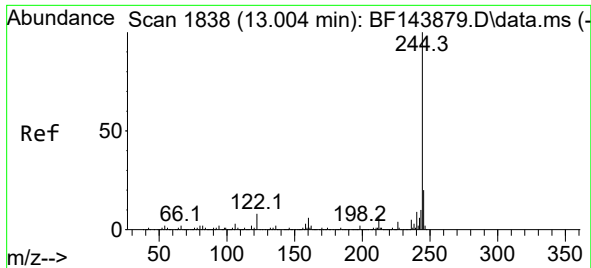
Ion Ratio Lower Upper

240 100

120 13.5 8.6 13.0#

236 27.3 21.1 31.7

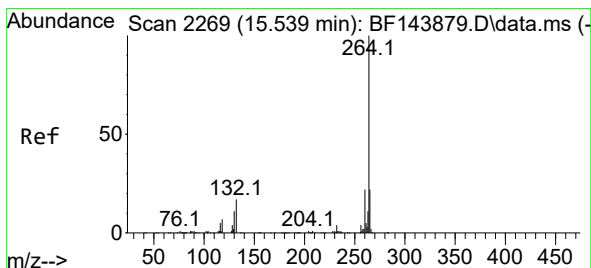
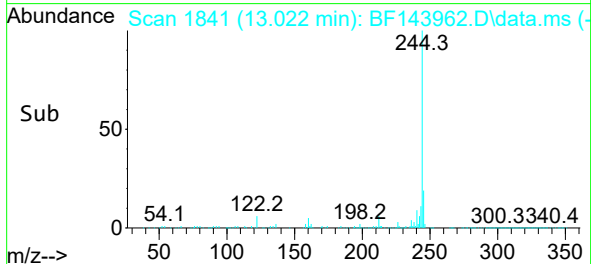
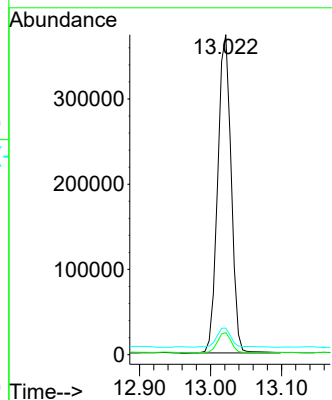
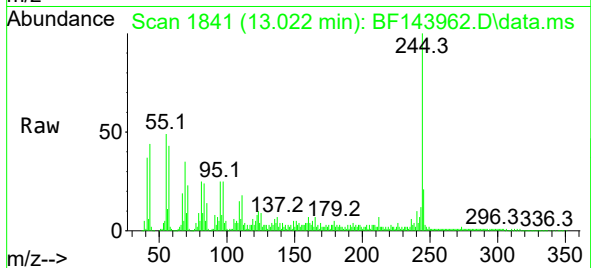




#79
 Terphenyl-d14
 Concen: 48.60 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. 0.012 min
 Lab File: BF143962.D
 Acq: 15 Oct 2025 19:54

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tgt Ion:244 Resp: 489342
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 8.3 6.4 9.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF143962.D
 Acq: 15 Oct 2025 19:54

Tgt Ion:264 Resp: 246956
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.8 26.8
 265 21.8 17.5 26.3

