

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143318.D
 Acq On : 05 Aug 2025 16:24
 Operator : RC/JU
 Sample : Q2759-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-DRUMSDL

Quant Time: Aug 05 17:01:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

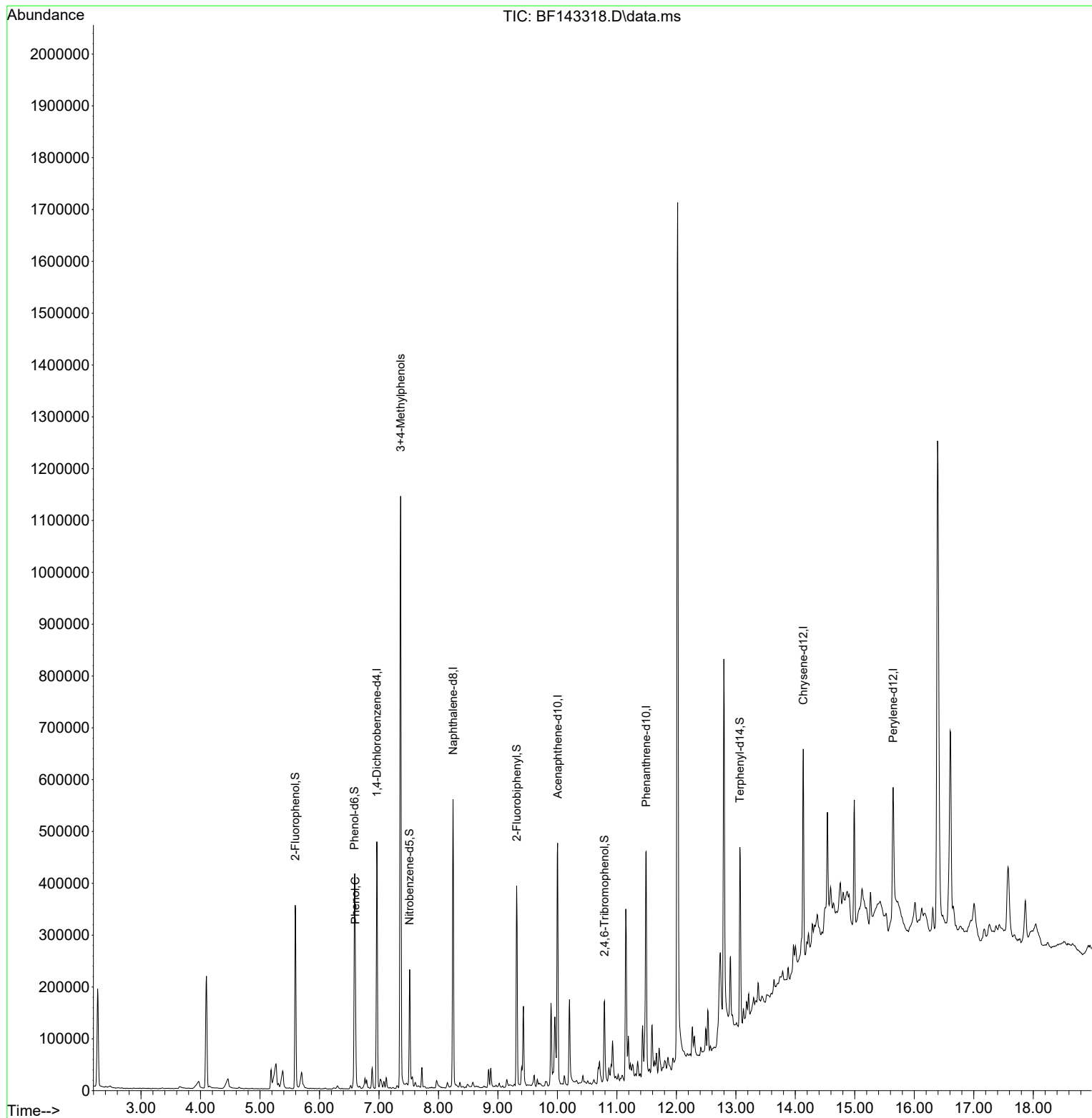
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	98241	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	333512	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	135009	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	218932	20.000	ng	0.00
76) Chrysene-d12	14.133	240	198223	20.000	ng	0.01
86) Perylene-d12	15.645	264	138342	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	128216	20.653	ng	0.00
7) Phenol-d6	6.586	99	160135	20.493	ng	0.00
23) Nitrobenzene-d5	7.516	82	91060	13.610	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	25650	18.391	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	167510	16.969	ng	0.00
79) Terphenyl-d14	13.068	244	164803	12.372	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.604	94	65165	7.655	ng	96
20) 3+4-Methylphenols	7.363	107	393299	59.246	ng	# 72

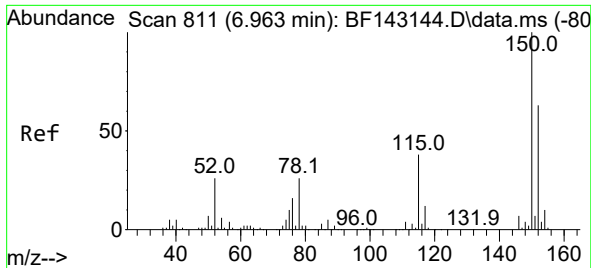
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143318.D
Acq On : 05 Aug 2025 16:24
Operator : RC/JU
Sample : Q2759-01DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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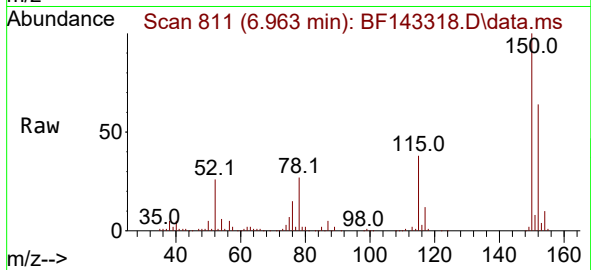
Quant Time: Aug 05 17:01:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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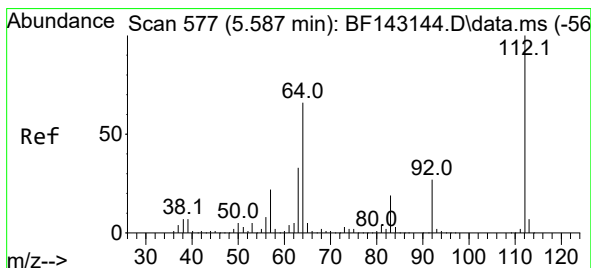
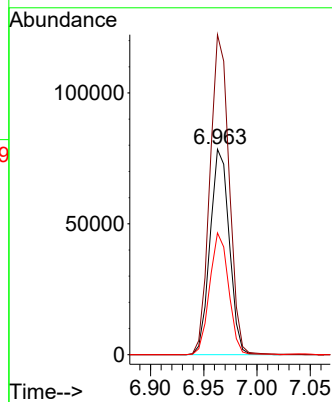
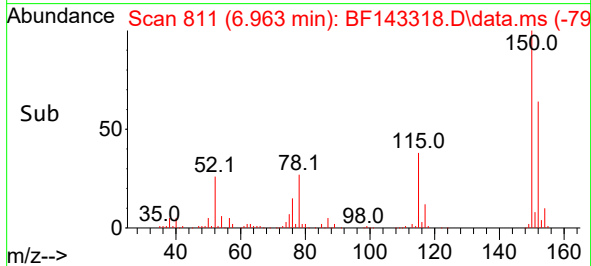


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143318.D
Acq: 05 Aug 2025 16:24

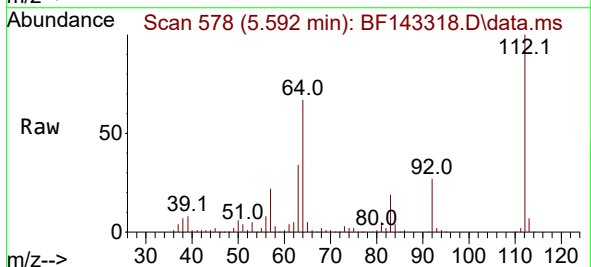
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMSDL



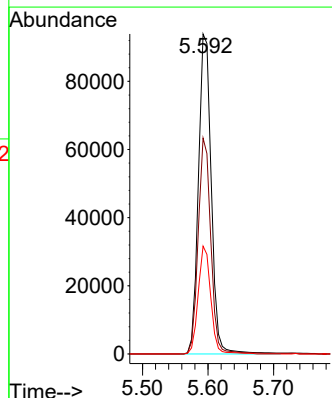
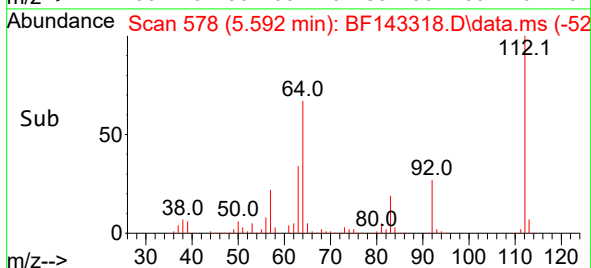
Tgt Ion:152 Resp: 98241
Ion Ratio Lower Upper
152 100
150 155.8 128.2 192.4
115 59.3 47.9 71.9

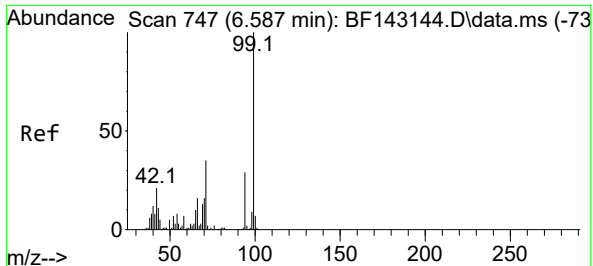


#5
2-Fluorophenol
Concen: 20.653 ng
RT: 5.592 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143318.D
Acq: 05 Aug 2025 16:24



Tgt Ion:112 Resp: 128216
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 33.7 26.6 40.0

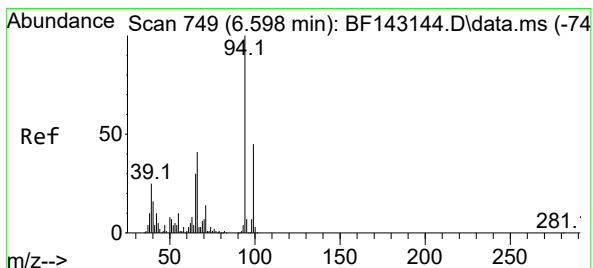
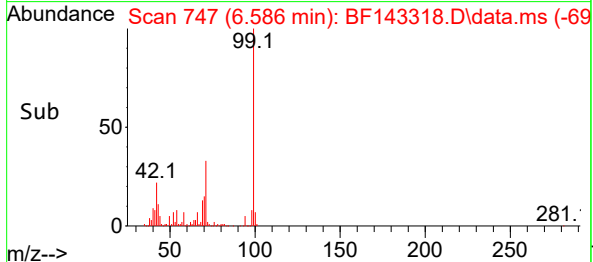
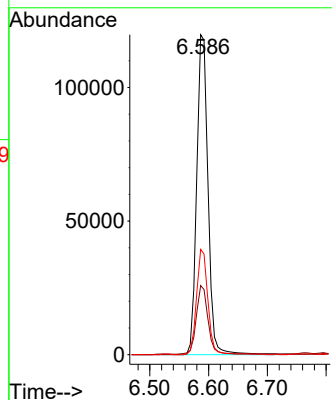
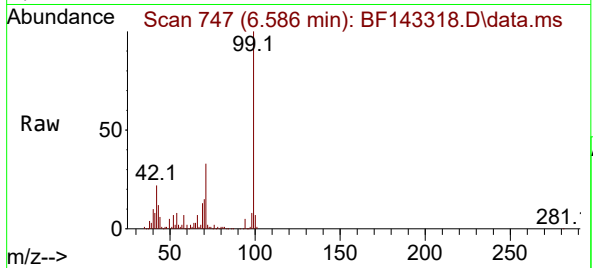




#7
Phenol-d6
Concen: 20.493 ng
RT: 6.586 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143318.D
Acq: 05 Aug 2025 16:24

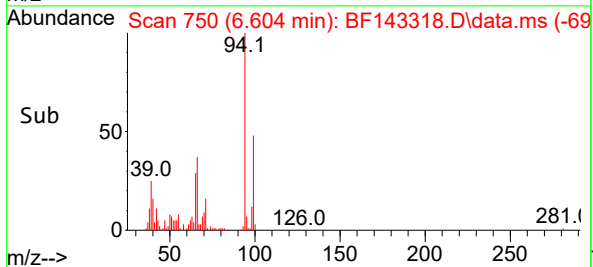
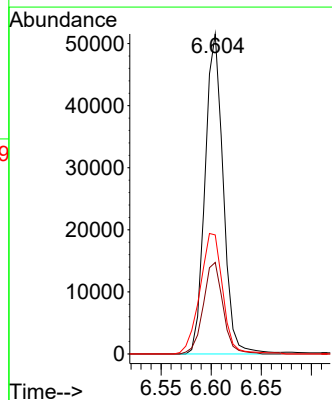
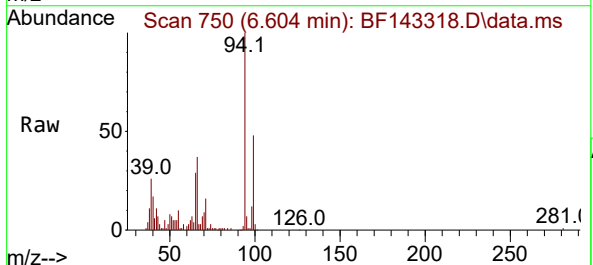
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMSDL

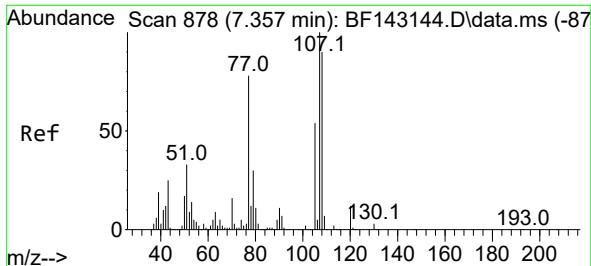
Tgt Ion: 99 Resp: 160135
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 32.9 27.7 41.5



#10
Phenol
Concen: 7.655 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143318.D
Acq: 05 Aug 2025 16:24

Tgt Ion: 94 Resp: 65165
Ion Ratio Lower Upper
94 100
65 28.6 10.0 50.0
66 37.2 20.8 60.8

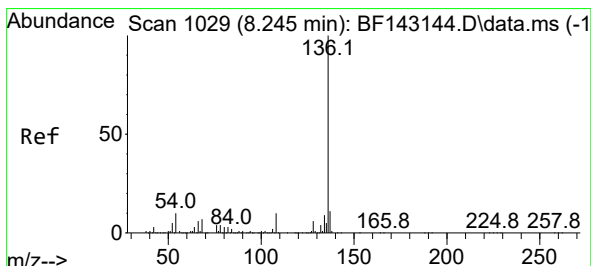
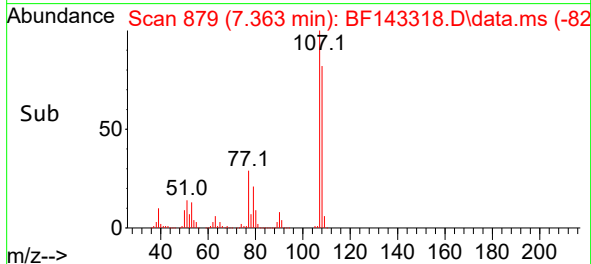
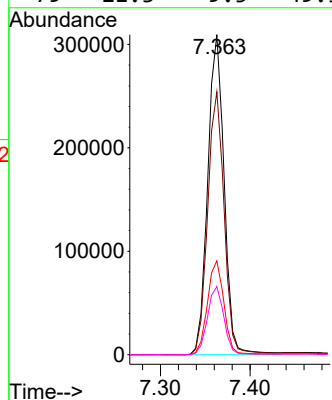
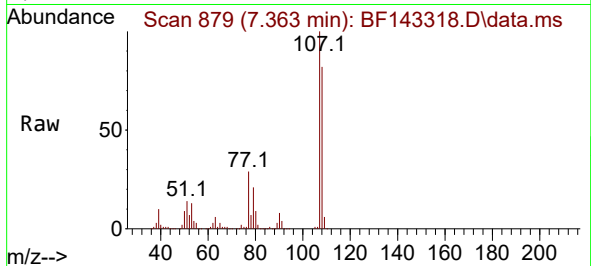




#20
3+4-Methylphenols
Concen: 59.246 ng
RT: 7.363 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143318.D
Acq: 05 Aug 2025 16:24

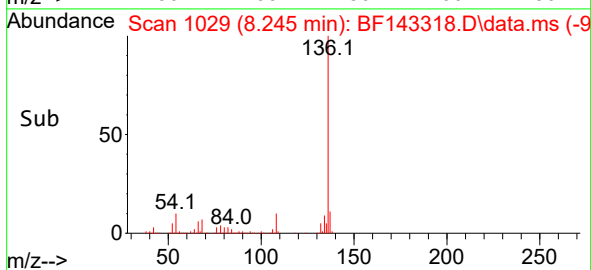
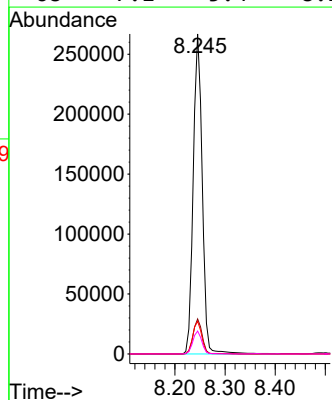
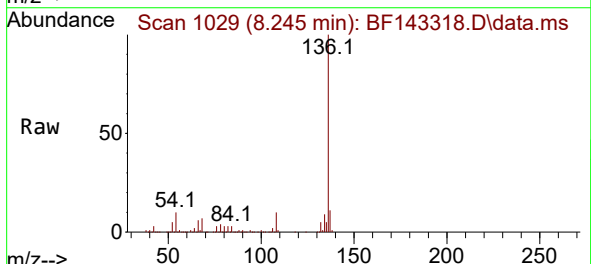
Instrument :
BNA_F
ClientSampleId :
SOLID-DRUMSDL

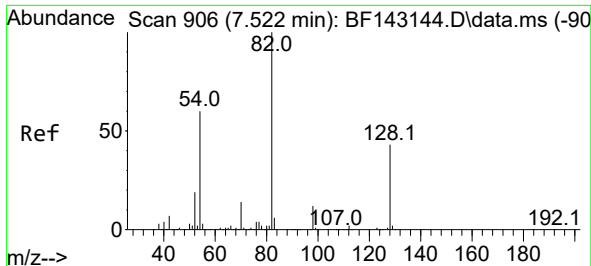
Tgt Ion:107 Resp: 393299
Ion Ratio Lower Upper
107 100
108 82.1 70.0 110.0
77 29.4 57.8 97.8#
79 21.3 9.5 49.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143318.D
Acq: 05 Aug 2025 16:24

Tgt Ion:136 Resp: 333512
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.2 12.2
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 13.610 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143318.D

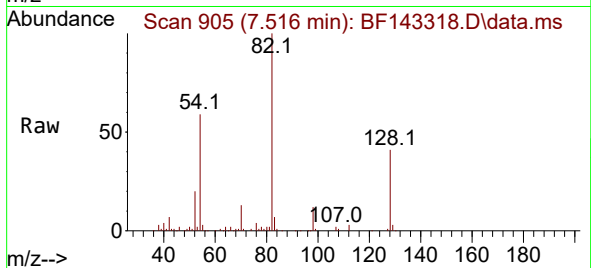
Acq: 05 Aug 2025 16:24

Instrument :

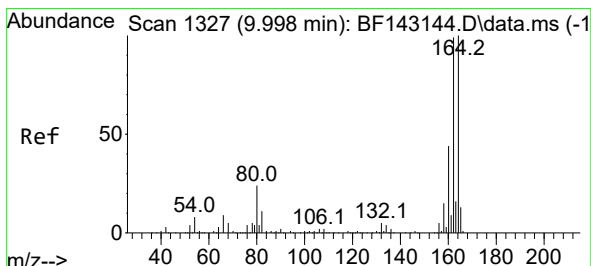
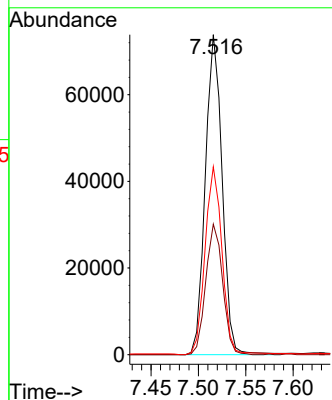
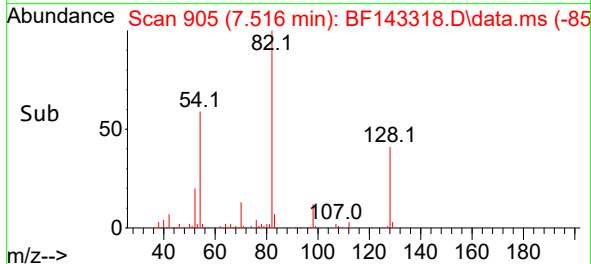
BNA_F

ClientSampleId :

SOLID-DRUMSDL



Tgt Ion:	82	Resp:	91060
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.6	50.4
54	58.7	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

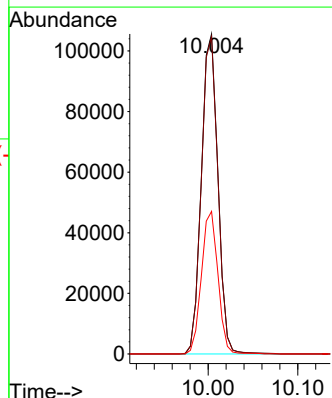
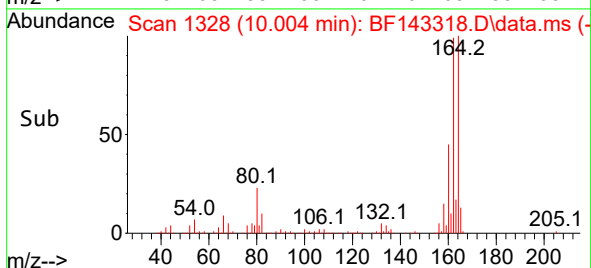
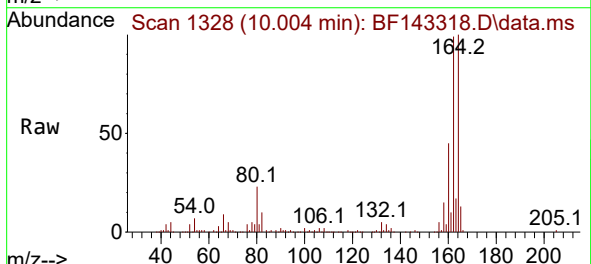
RT: 10.004 min Scan# 1328

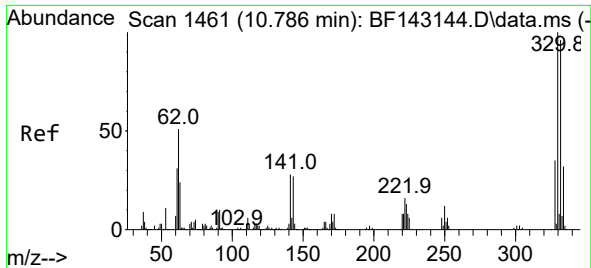
Delta R.T. 0.006 min

Lab File: BF143318.D

Acq: 05 Aug 2025 16:24

Tgt Ion:	164	Resp:	135009
Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.0	118.6
160	44.5	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 18.391 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143318.D

Acq: 05 Aug 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SOLID-DRUMSDL

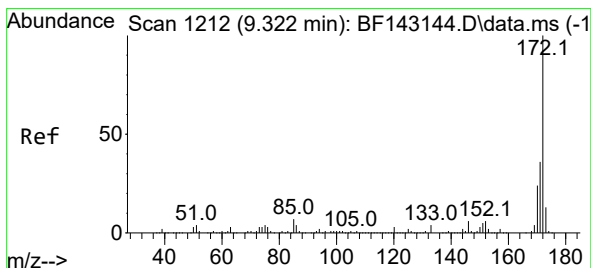
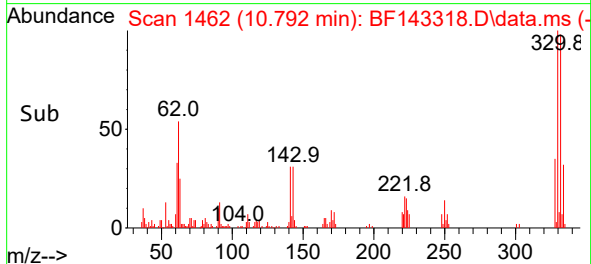
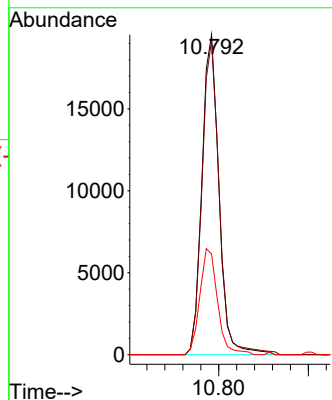
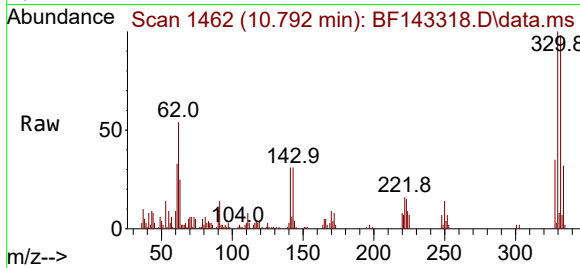
Tgt Ion:330 Resp: 25650

Ion Ratio Lower Upper

330 100

332 99.3 76.7 115.1

141 34.6 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 16.969 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143318.D

Acq: 05 Aug 2025 16:24

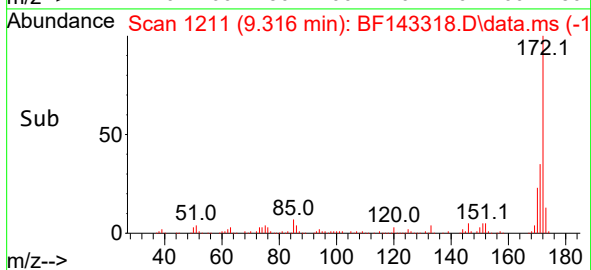
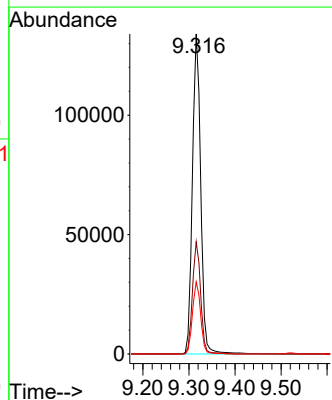
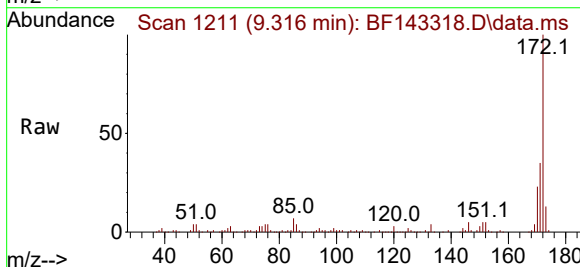
Tgt Ion:172 Resp: 167510

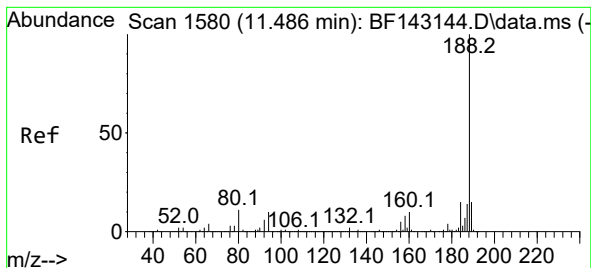
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 22.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143318.D

Acq: 05 Aug 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SOLID-DRUMSDL

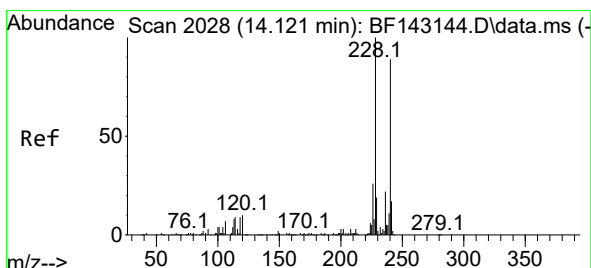
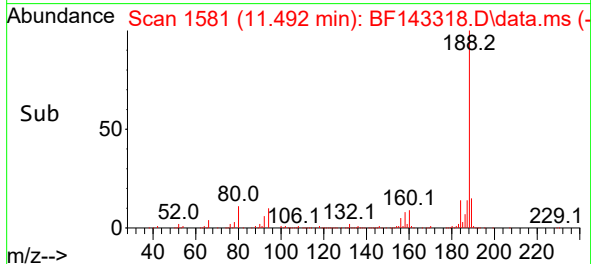
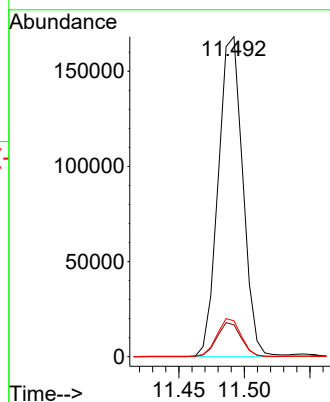
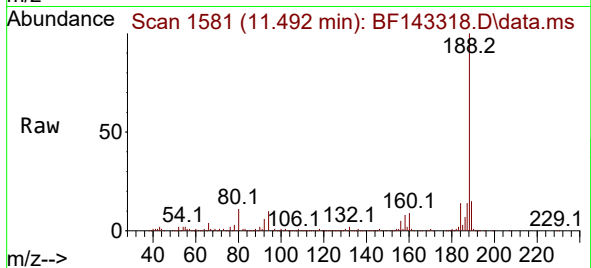
Tgt Ion:188 Resp: 218932

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 11.2 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF143318.D

Acq: 05 Aug 2025 16:24

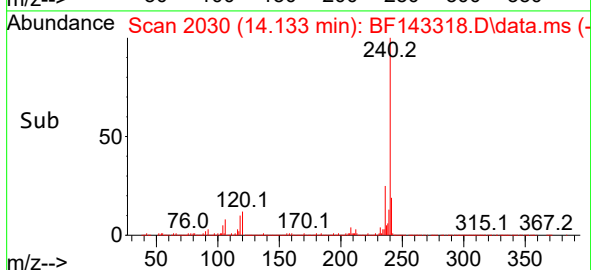
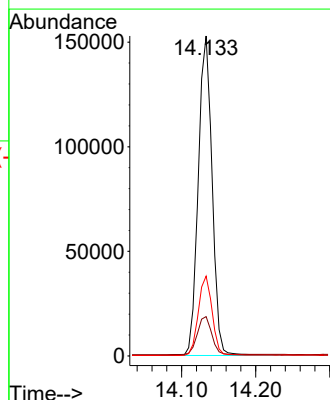
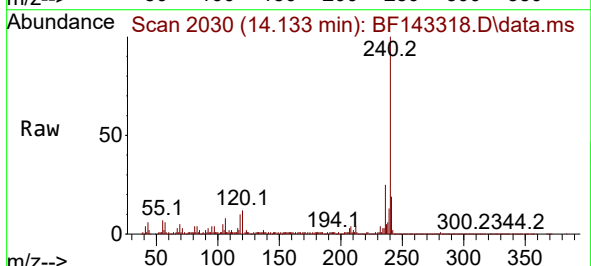
Tgt Ion:240 Resp: 198223

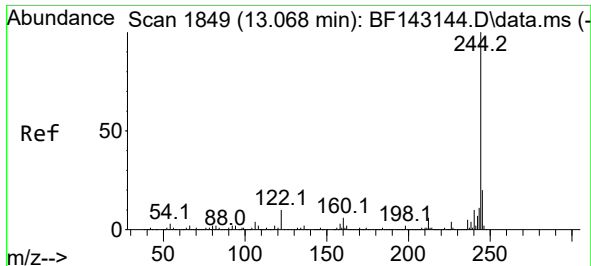
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

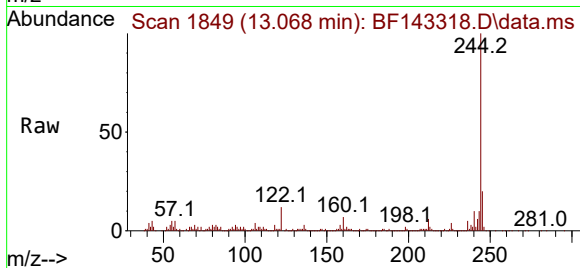
236 25.0 20.2 30.4



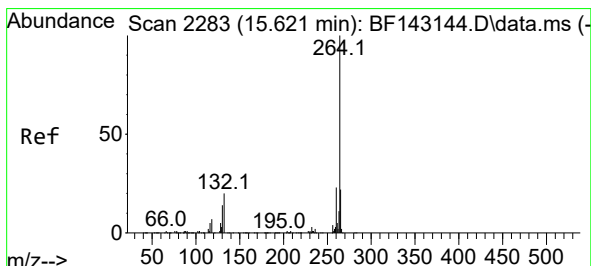
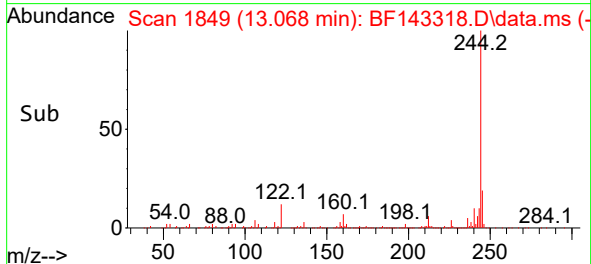
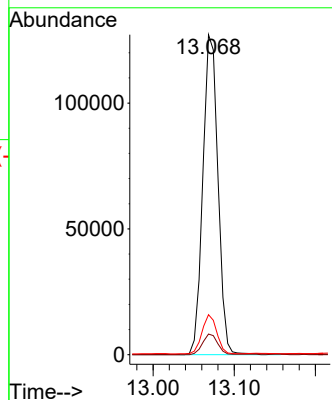


#79
 Terphenyl-d14
 Concen: 12.372 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143318.D
 Acq: 05 Aug 2025 16:24

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-DRUMSDL



Tgt Ion:244 Resp: 164803
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 12.5 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2287
 Delta R.T. 0.023 min
 Lab File: BF143318.D
 Acq: 05 Aug 2025 16:24

Tgt Ion:264 Resp: 138342
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.3 17.4 26.2

