

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144069.D
 Acq On : 24 Oct 2025 19:17
 Operator : RC/JU
 Sample : Q3405-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-10-20-25-A

Quant Time: Oct 27 10:55:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	37977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	130524	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	67257	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	93051	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	106998	20.000	ng	0.00
86) Perylene-d12	15.545	264	150477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	141363	58.891	ng	0.00
7) Phenol-d6	6.498	99	156796	59.146	ng	0.00
23) Nitrobenzene-d5	7.439	82	102306	42.943	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	45327	52.907	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	217460	45.499	ng	0.00
79) Terphenyl-d14	13.004	244	235841	38.534	ng	0.00

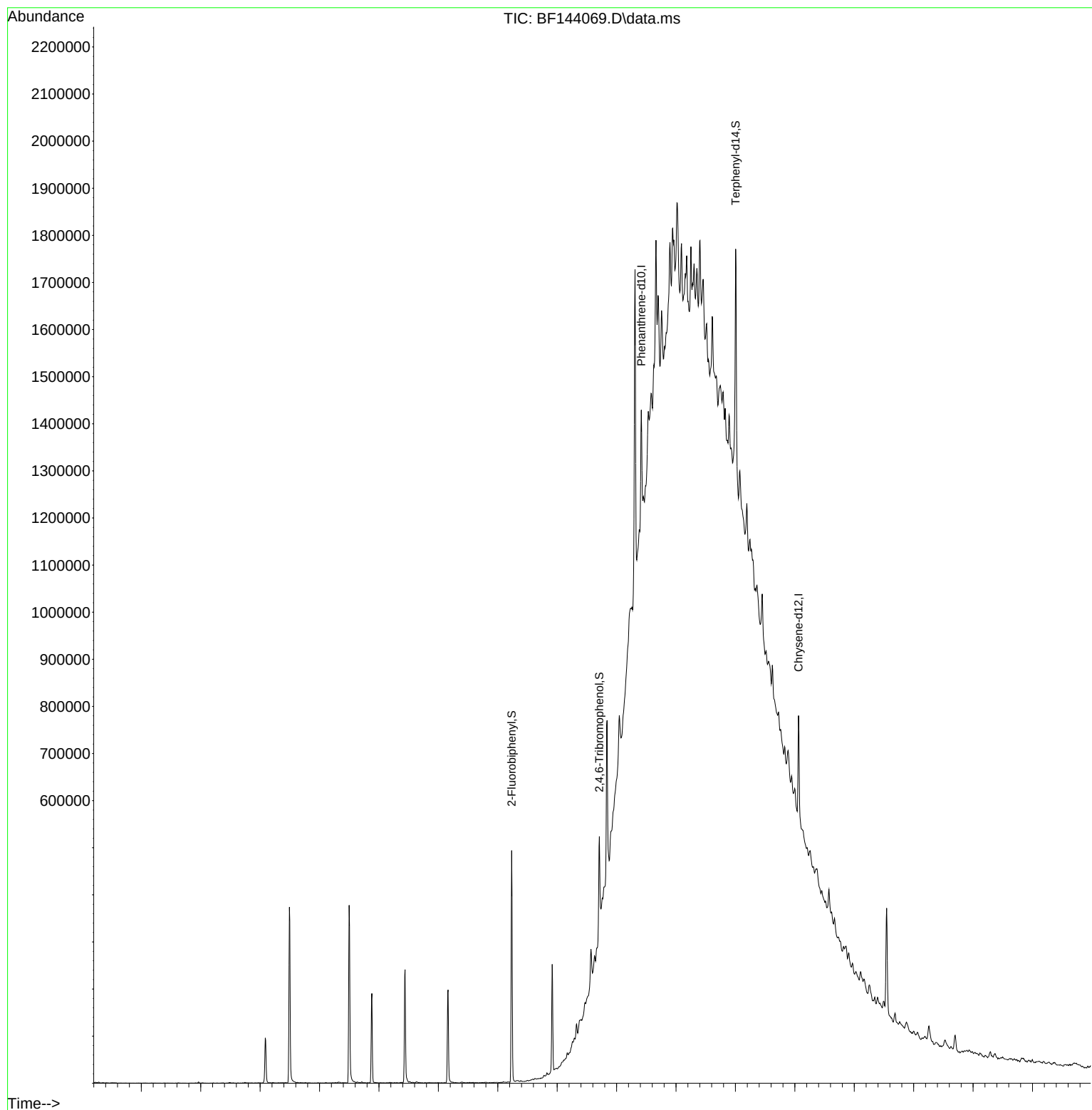
Target Compounds Qvalue

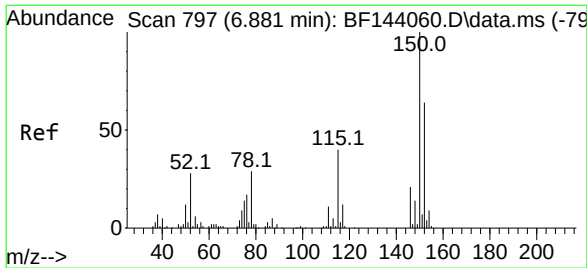
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144069.D
Acq On : 24 Oct 2025 19:17
Operator : RC/JU
Sample : Q3405-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAD-10-20-25-A

Quant Time: Oct 27 10:55:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

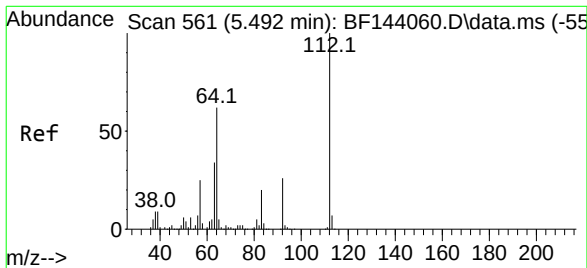
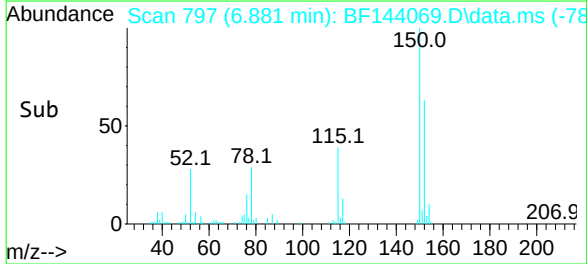
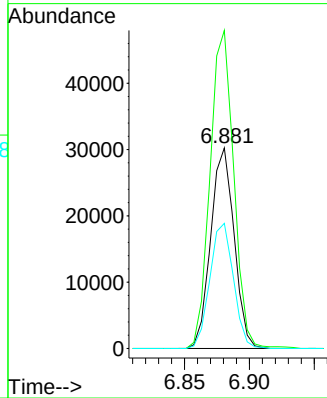
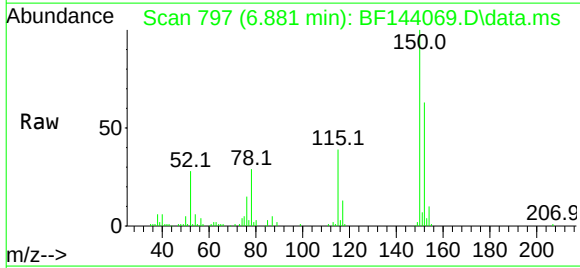




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

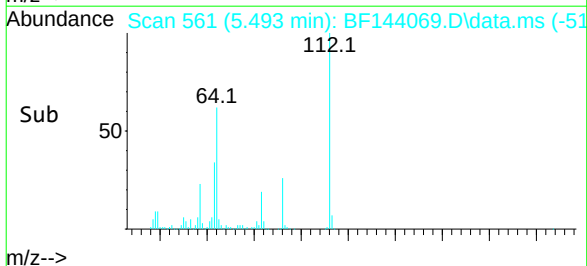
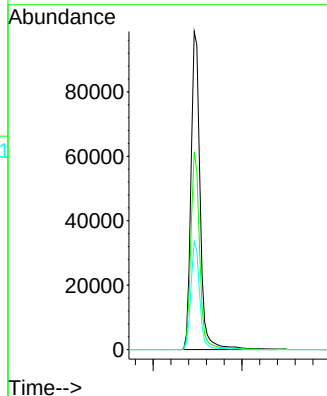
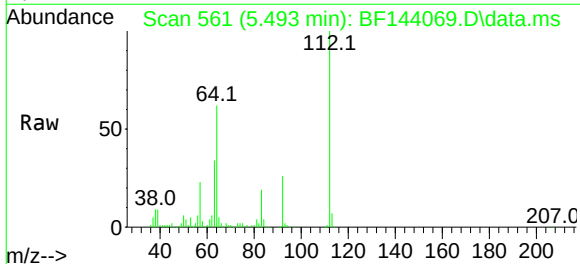
Instrument :
BNA_F
ClientSampleId :
PAD-10-20-25-A

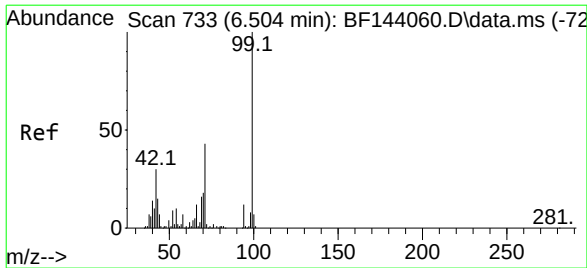
Tgt Ion:152 Resp: 37977
Ion Ratio Lower Upper
152 100
150 158.6 124.4 186.6
115 62.4 49.4 74.0



#5
2-Fluorophenol
Concen: 58.891 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Tgt Ion:112 Resp: 141363
Ion Ratio Lower Upper
112 100
64 62.0 49.8 74.8
63 34.0 27.4 41.2

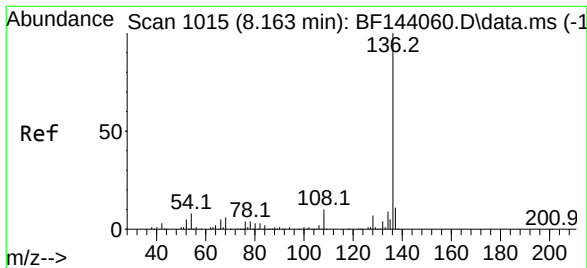
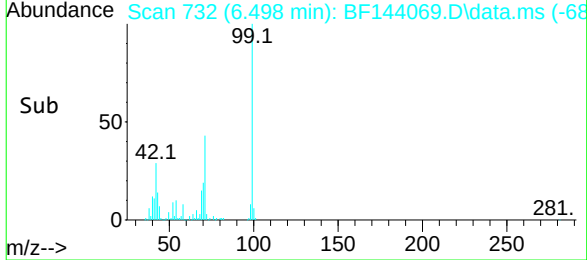
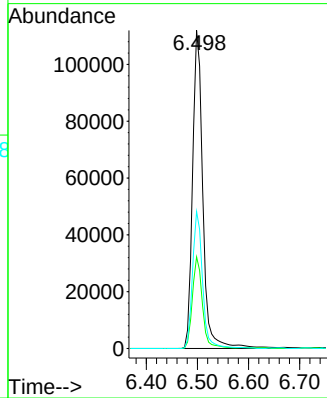
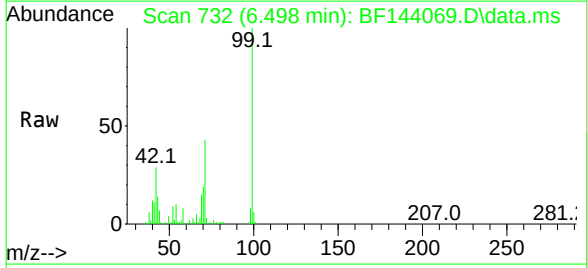




#7
Phenol-d6
Concen: 59.146 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

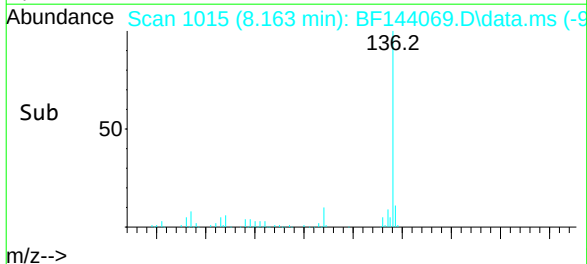
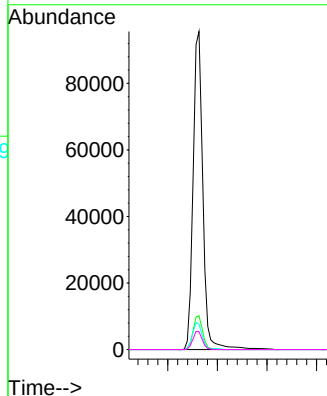
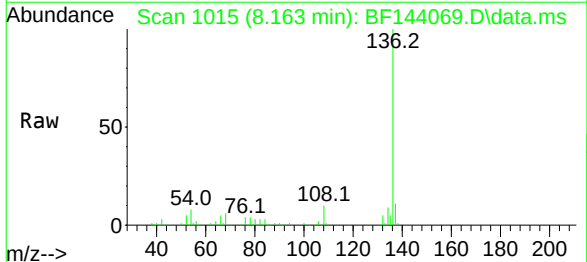
Instrument :
BNA_F
ClientSampleId :
PAD-10-20-25-A

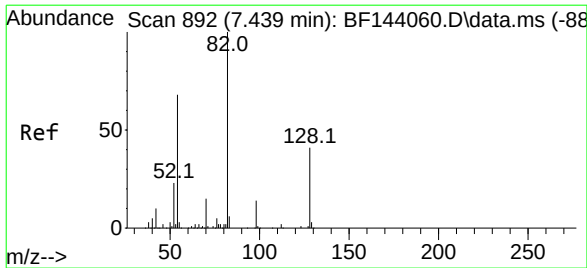
Tgt Ion: 99 Resp: 156796
Ion Ratio Lower Upper
99 100
42 28.8 23.9 35.9
71 43.1 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Tgt Ion: 136 Resp: 130524
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.0 6.6 9.8
68 5.6 4.6 6.8

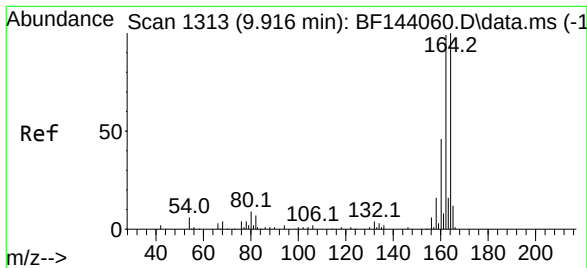
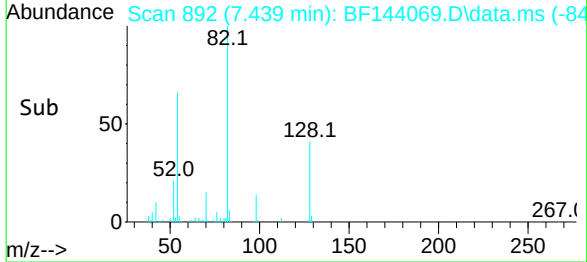
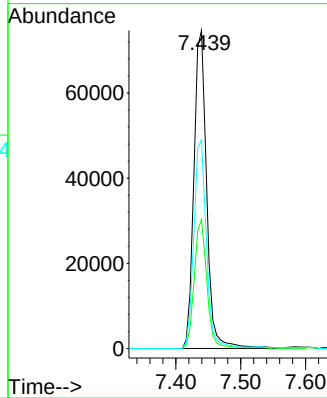
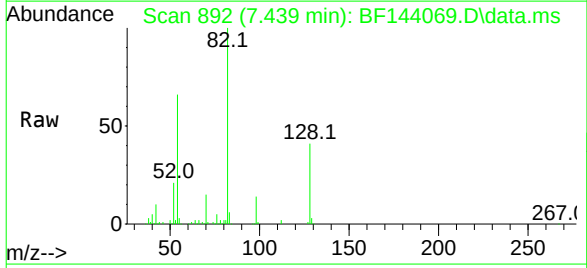




#23
Nitrobenzene-d5
Concen: 42.943 ng
RT: 7.439 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

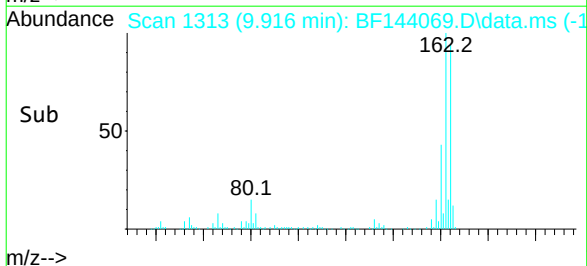
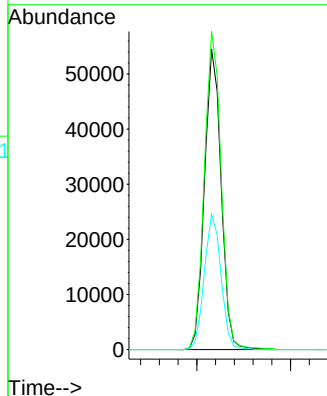
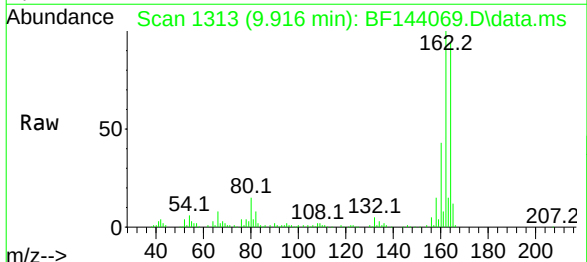
Instrument :
BNA_F
ClientSampleId :
PAD-10-20-25-A

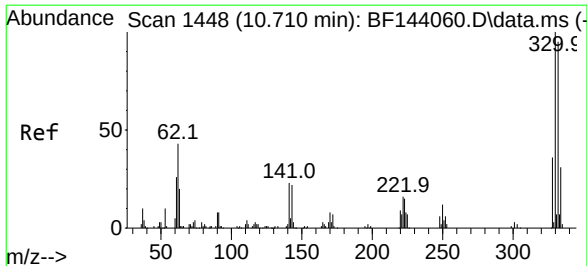
Tgt Ion: 82 Resp: 102306
Ion Ratio Lower Upper
82 100
128 40.5 32.4 48.6
54 65.6 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Tgt Ion: 164 Resp: 67257
Ion Ratio Lower Upper
164 100
162 105.9 79.4 119.2
160 45.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 52.907 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144069.D

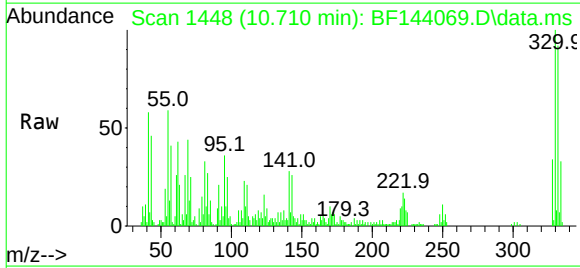
Acq: 24 Oct 2025 19:17

Instrument :

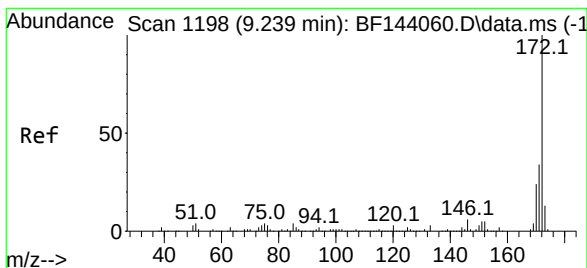
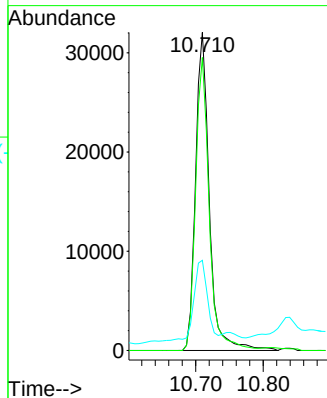
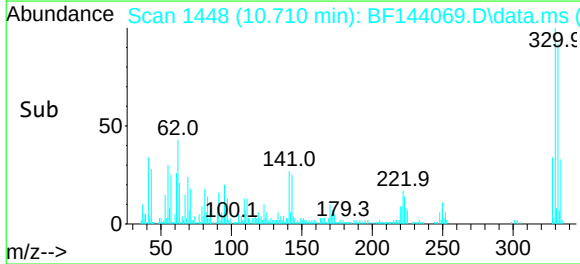
BNA_F

ClientSampleId :

PAD-10-20-25-A



Tgt Ion:	330	Resp:	45327
Ion Ratio	Lower	Upper	
330	100		
332	91.3	77.0	115.6
141	29.3	19.4	29.0



#45

2-Fluorobiphenyl

Concen: 45.499 ng

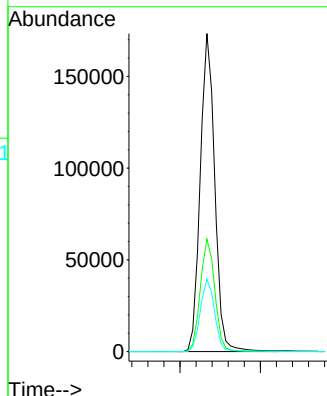
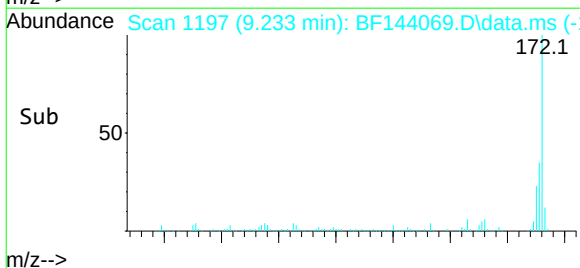
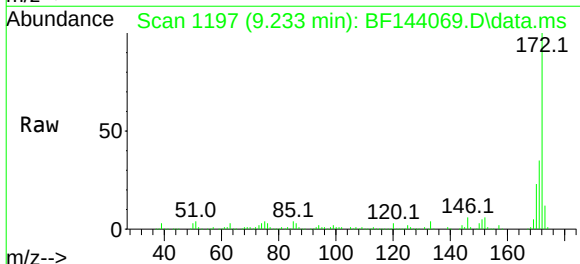
RT: 9.233 min Scan# 1197

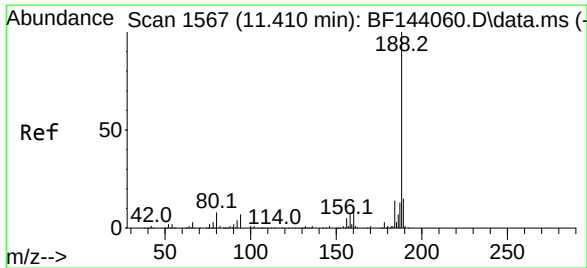
Delta R.T. -0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Tgt Ion:	172	Resp:	217460
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.5	41.3
170	22.8	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 15

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Instrument :

BNA_F

ClientSampleId :

PAD-10-20-25-A

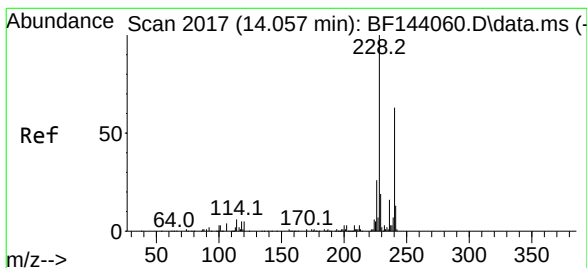
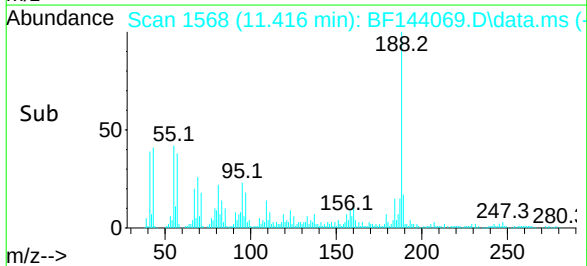
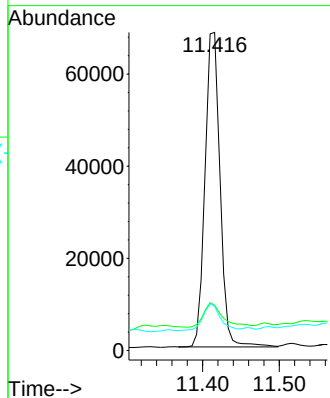
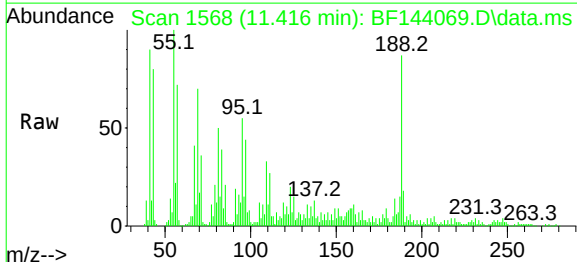
Tgt Ion:188 Resp: 93051

Ion Ratio Lower Upper

188 100

94 14.2 5.4 8.0#

80 13.9 6.0 9.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

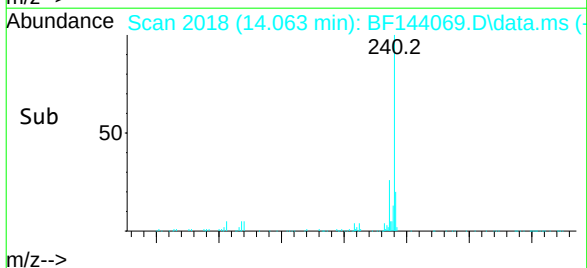
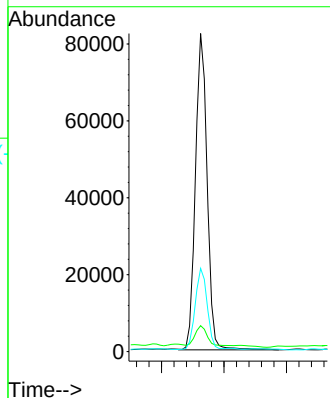
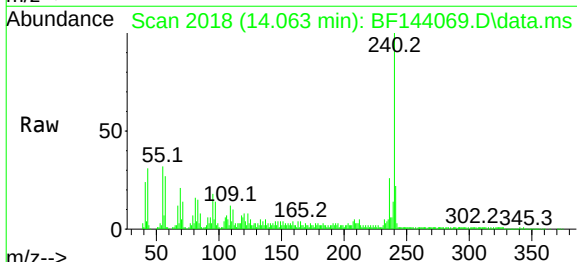
Tgt Ion:240 Resp: 106998

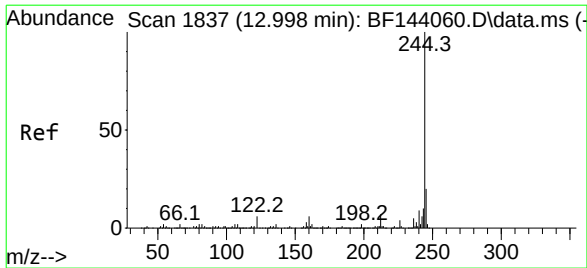
Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

236 26.2 20.1 30.1





#79

Terphenyl-d14

Concen: 38.534 ng

RT: 13.004 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Instrument :

BNA_F

ClientSampleId :

PAD-10-20-25-A

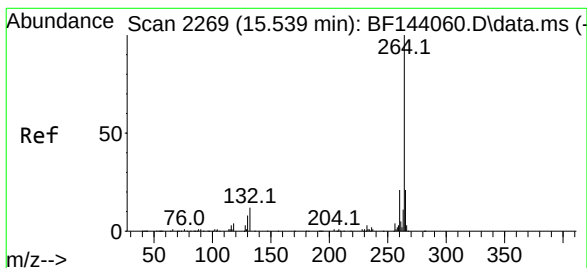
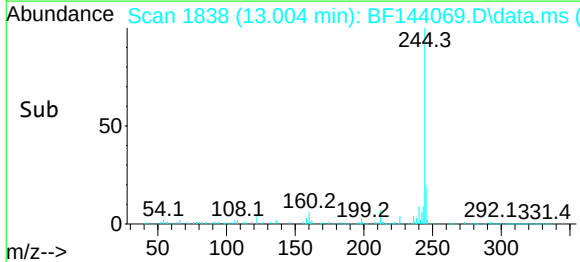
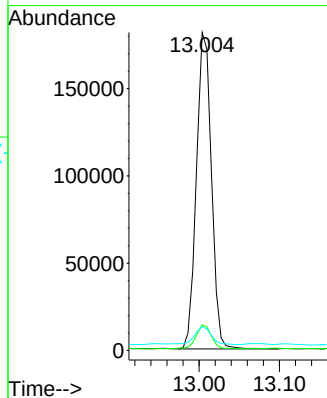
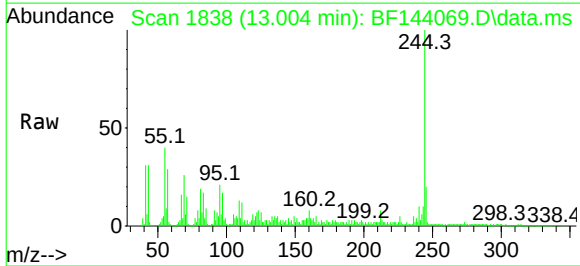
Tgt Ion:244 Resp: 235841

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

122 7.5 4.9 7.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Tgt Ion:264 Resp: 150477

Ion Ratio Lower Upper

264 100

260 20.9 17.0 25.4

265 20.3 16.6 24.8

