

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144231.D
 Acq On : 12 Nov 2025 16:21
 Operator : RC/JU
 Sample : PB170473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BL

Quant Time: Nov 12 16:53:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48845	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	190075	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	105776	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	183377	20.000	ng	0.00
76) Chrysene-d12	14.045	240	99663	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	110269	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	358569	114.877	ng	0.00
7) Phenol-d6	6.498	99	421024	119.043	ng	0.00
23) Nitrobenzene-d5	7.428	82	271481	82.491	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	151238	113.938	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	555319	77.538	ng	0.00
79) Terphenyl-d14	12.986	244	567613	90.465	ng	0.00

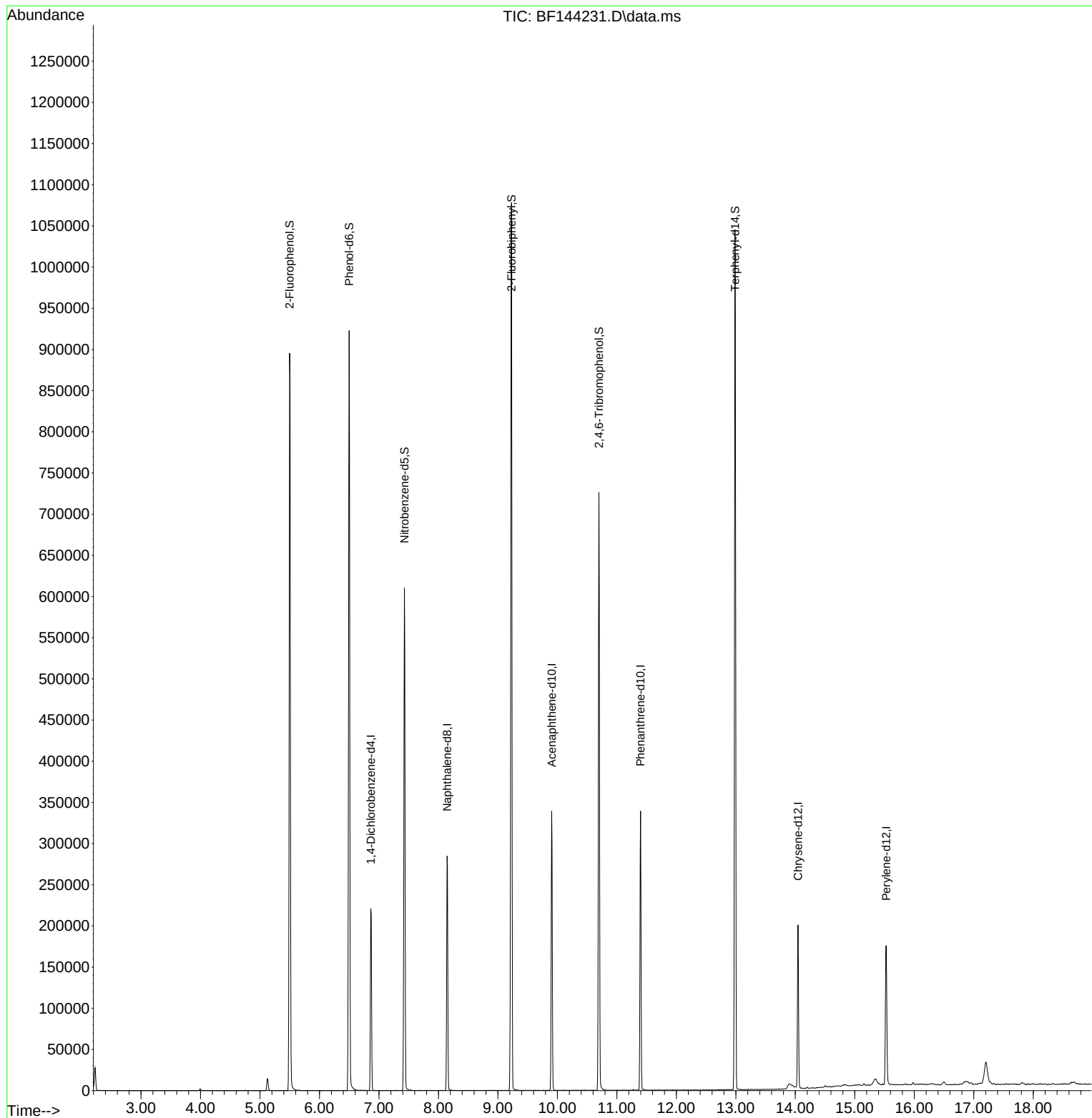
Target Compounds	Qvalue

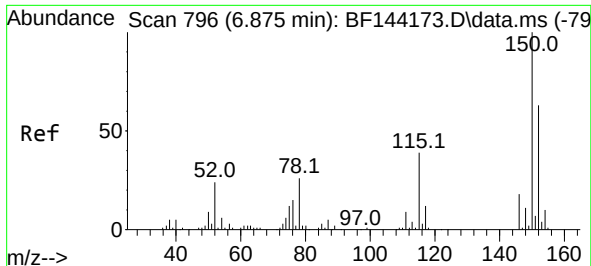
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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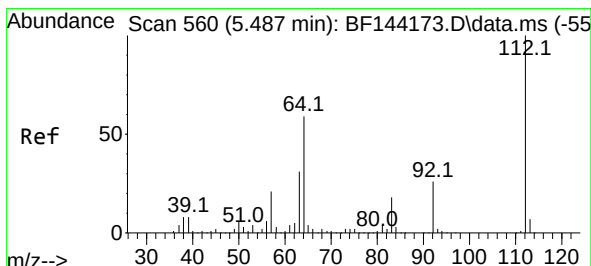
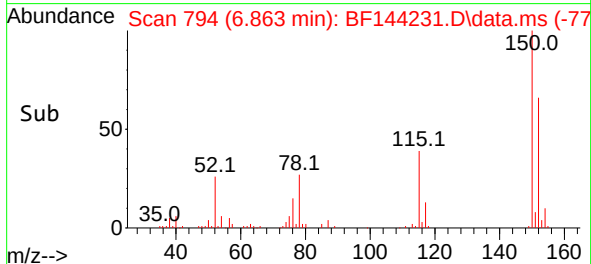
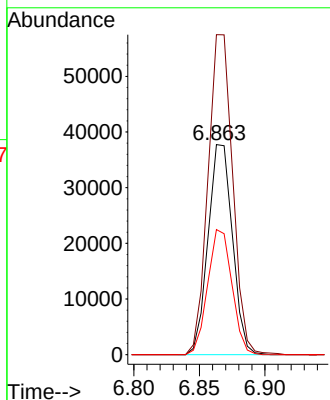
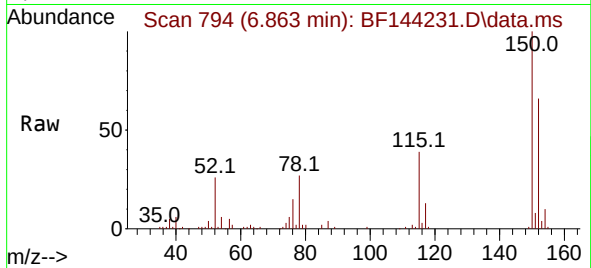




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

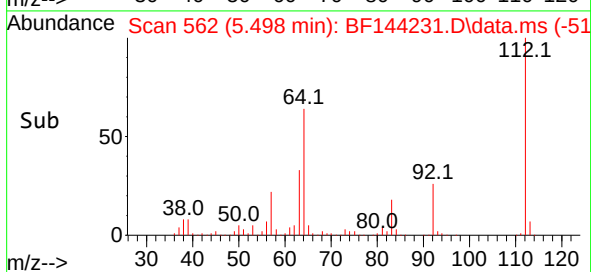
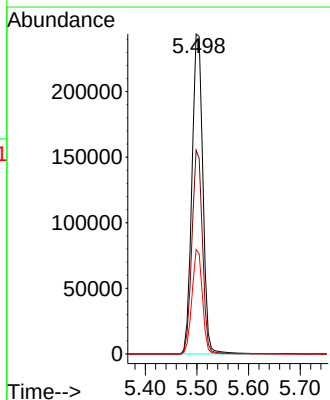
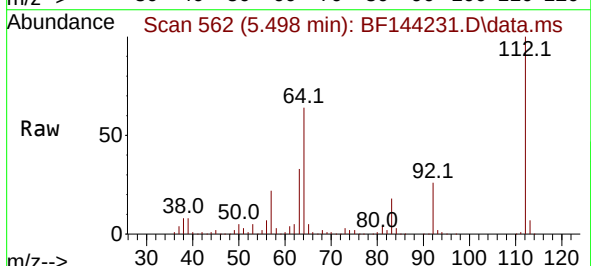
Instrument :
BNA_F
ClientSampleId :
PB170473BL

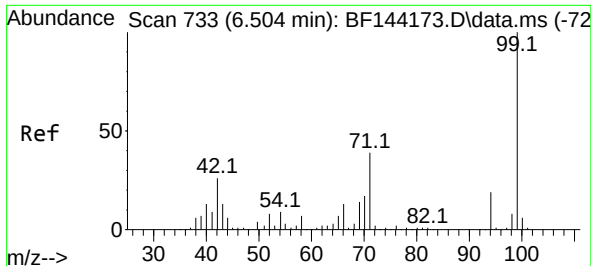
Tgt Ion:152 Resp: 48845
Ion Ratio Lower Upper
152 100
150 152.3 127.4 191.0
115 59.5 49.5 74.3



#5
2-Fluorophenol
Concen: 114.877 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

Tgt Ion:112 Resp: 358569
Ion Ratio Lower Upper
112 100
64 63.7 47.2 70.8
63 32.6 24.4 36.6

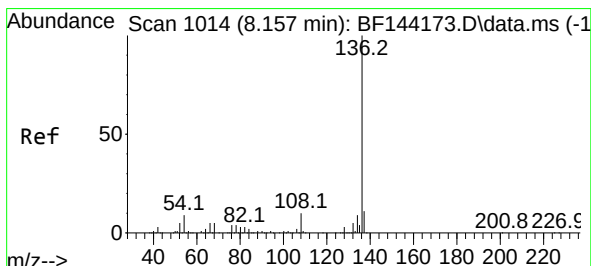
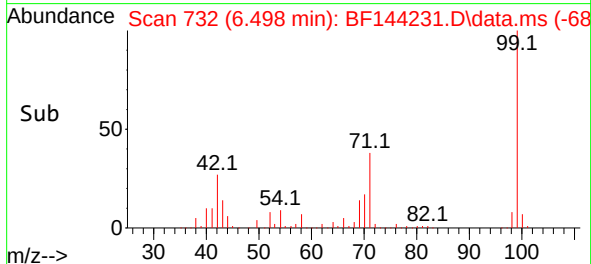
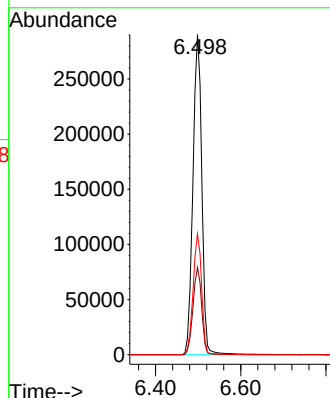
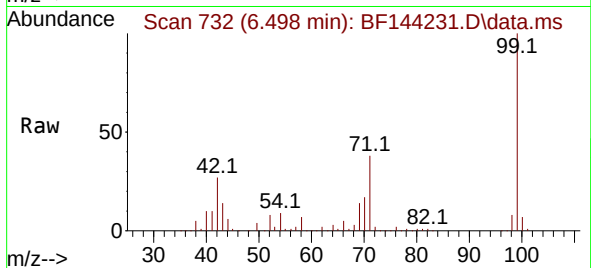




#7
Phenol-d6
Concen: 119.043 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

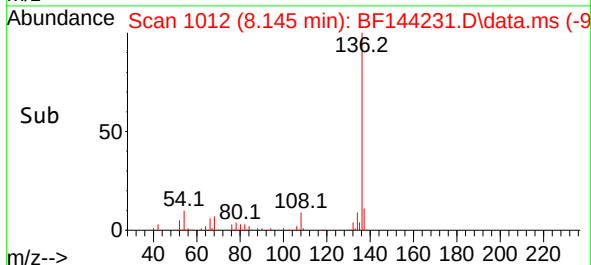
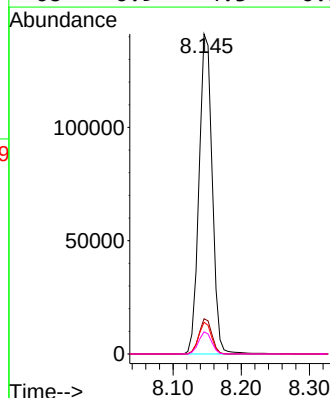
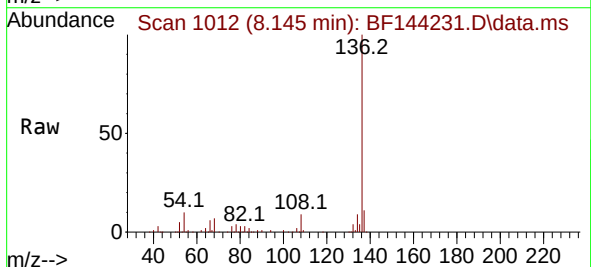
Instrument :
BNA_F
ClientSampleId :
PB170473BL

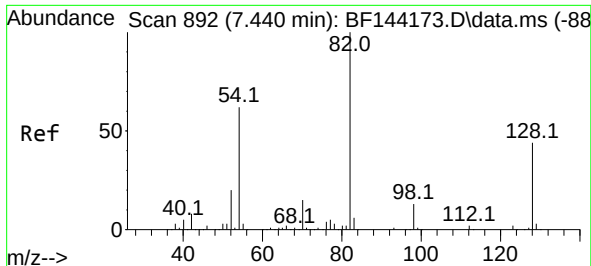
Tgt Ion: 99 Resp: 421024
Ion Ratio Lower Upper
99 100
42 27.3 20.9 31.3
71 37.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

Tgt Ion: 136 Resp: 190075
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.9 7.0 10.6
68 6.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 82.491 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144231.D

Acq: 12 Nov 2025 16:21

Instrument :

BNA_F

ClientSampleId :

PB170473BL

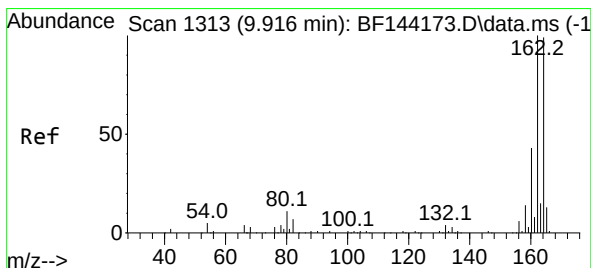
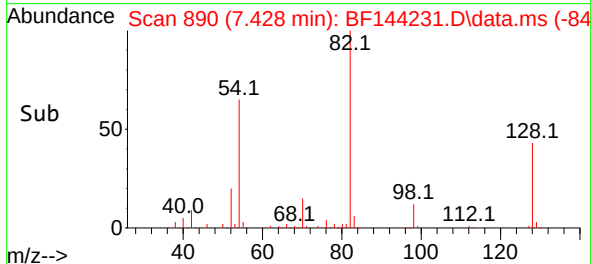
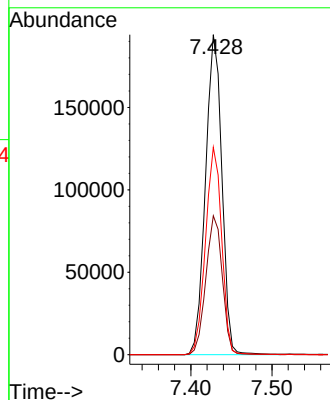
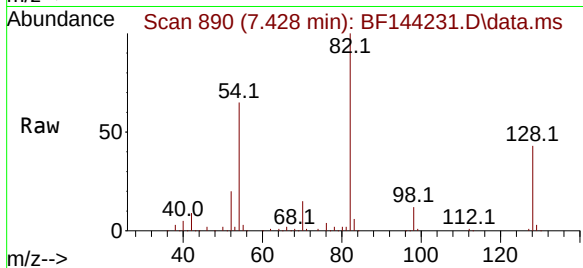
Tgt Ion: 82 Resp: 271481

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 64.8 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144231.D

Acq: 12 Nov 2025 16:21

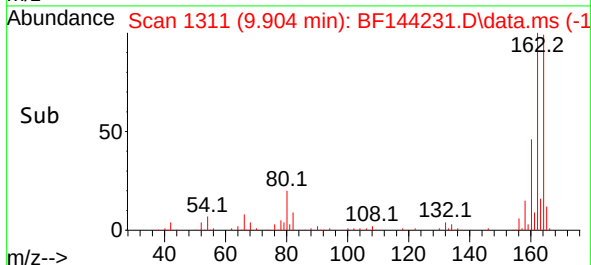
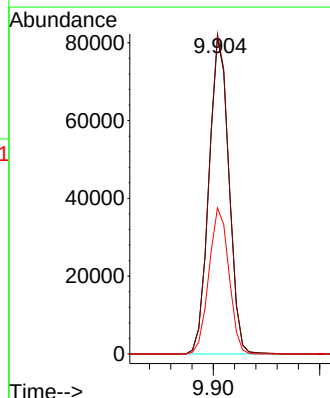
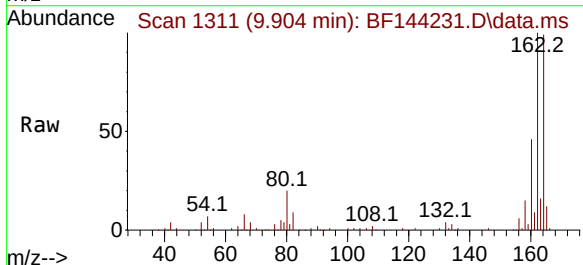
Tgt Ion:164 Resp: 105776

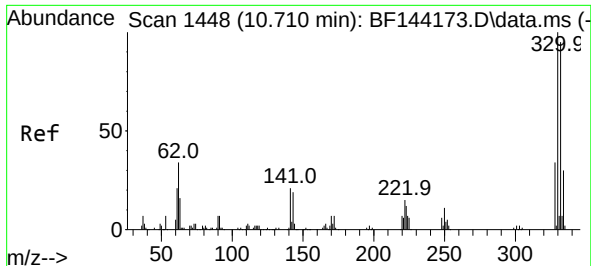
Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

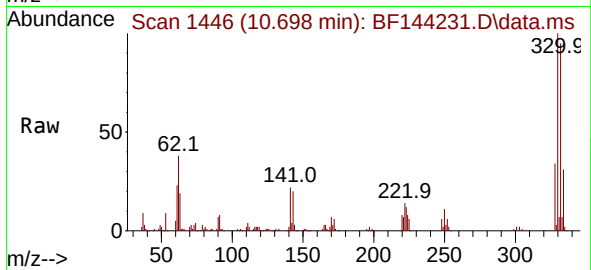
160 46.2 34.5 51.7



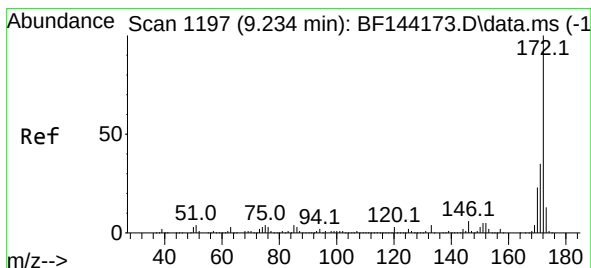
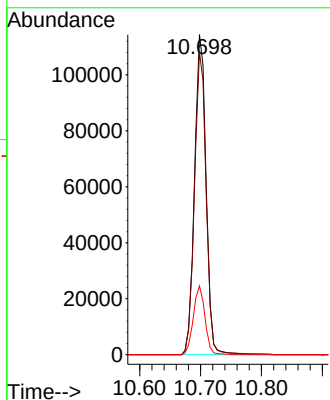
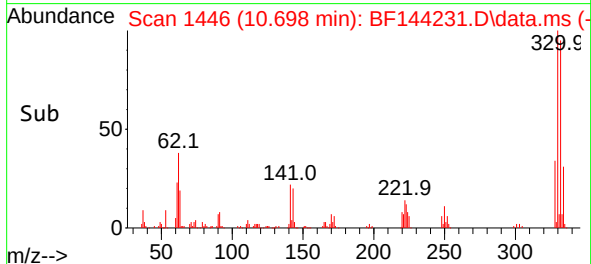


#42
2,4,6-Tribromophenol
Concen: 113.938 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

Instrument :
BNA_F
ClientSampleId :
PB170473BL

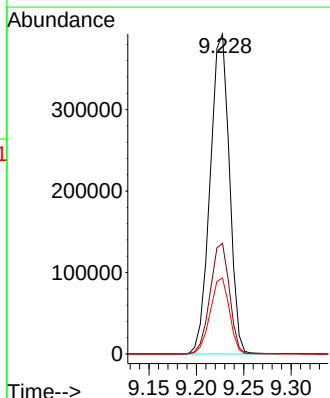
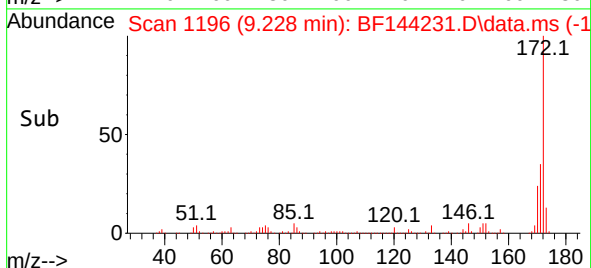
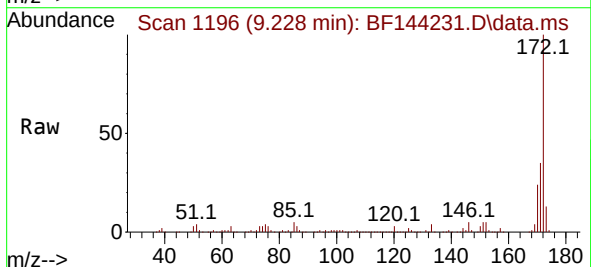


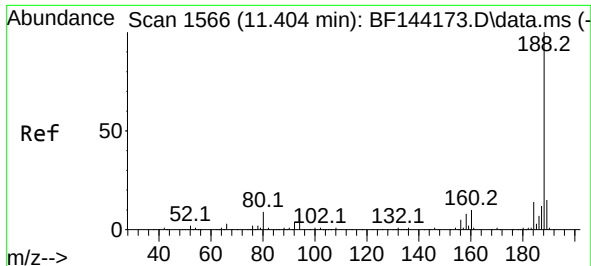
Tgt Ion:330 Resp: 151238
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 21.5 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 77.538 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

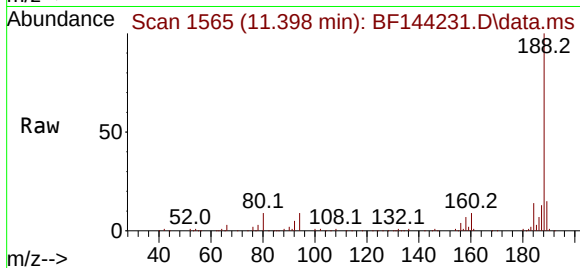
Tgt Ion:172 Resp: 555319
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.7 18.6 28.0



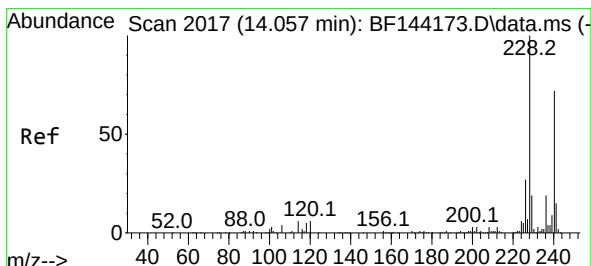
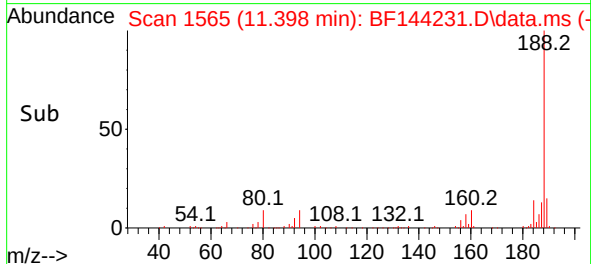
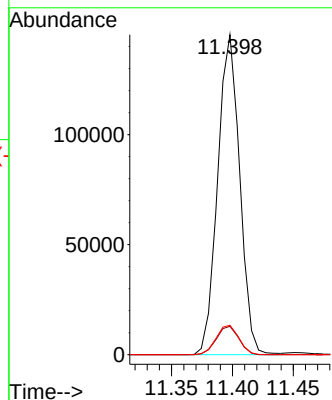


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

Instrument :
BNA_F
ClientSampleId :
PB170473BL

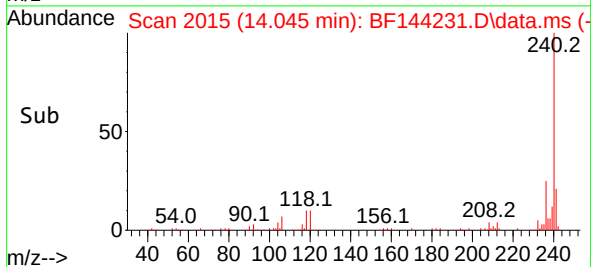
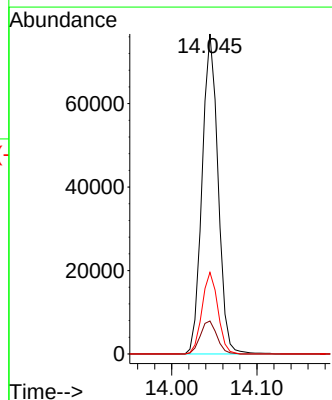
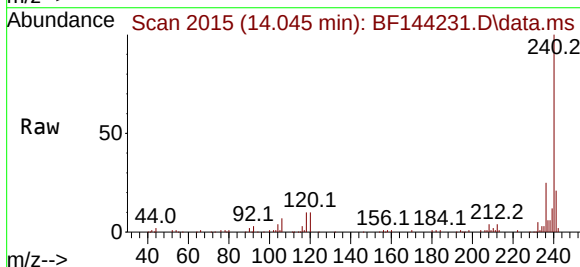


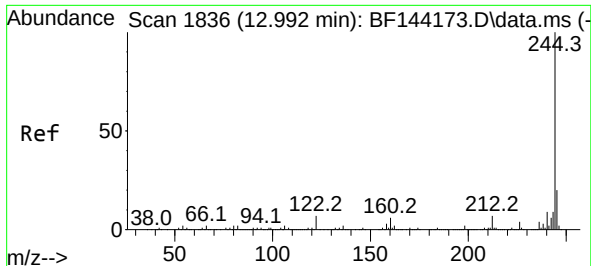
Tgt Ion:188 Resp: 183377
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144231.D
Acq: 12 Nov 2025 16:21

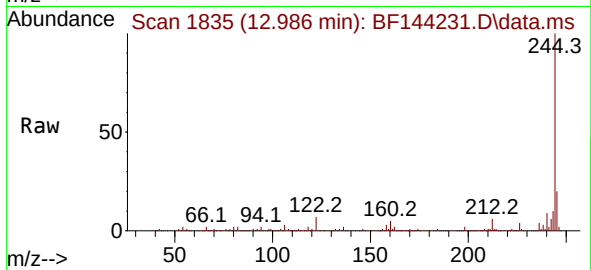
Tgt Ion:240 Resp: 99663
Ion Ratio Lower Upper
240 100
120 10.3 6.6 10.0#
236 25.5 21.4 32.2



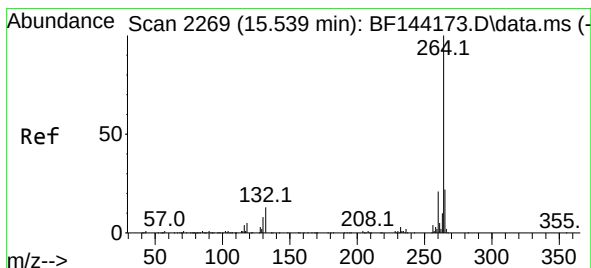
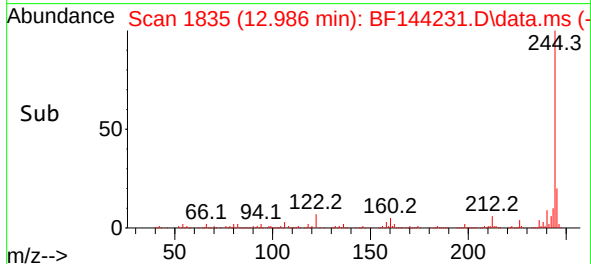
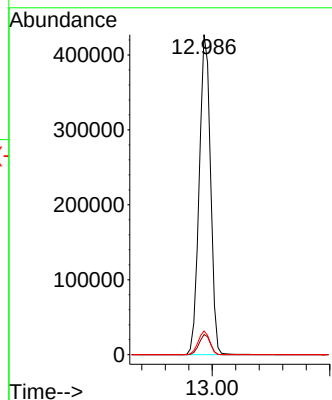


#79
 Terphenyl-d14
 Concen: 90.465 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144231.D
 Acq: 12 Nov 2025 16:21

Instrument :
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Tgt Ion:244 Resp: 567613
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF144231.D
 Acq: 12 Nov 2025 16:21

Tgt Ion:264 Resp: 110269
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.1 25.7
 265 21.3 17.4 26.0

