

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144315.D
 Acq On : 21 Nov 2025 18:49
 Operator : RC/JU
 Sample : PB170692BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170692BL

Quant Time: Nov 21 22:05:03 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	48734	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	177077	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	90665	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	159623	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	146079	20.000	ng	0.00
86) Perylene-d12	15.527	264	111347	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	382918	122.957	ng	0.00
7) Phenol-d6	6.498	99	410886	116.442	ng	0.00
23) Nitrobenzene-d5	7.428	82	256435	83.638	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	131977	115.999	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	525050	85.531	ng	0.00
79) Terphenyl-d14	12.986	244	657224	71.464	ng	0.00

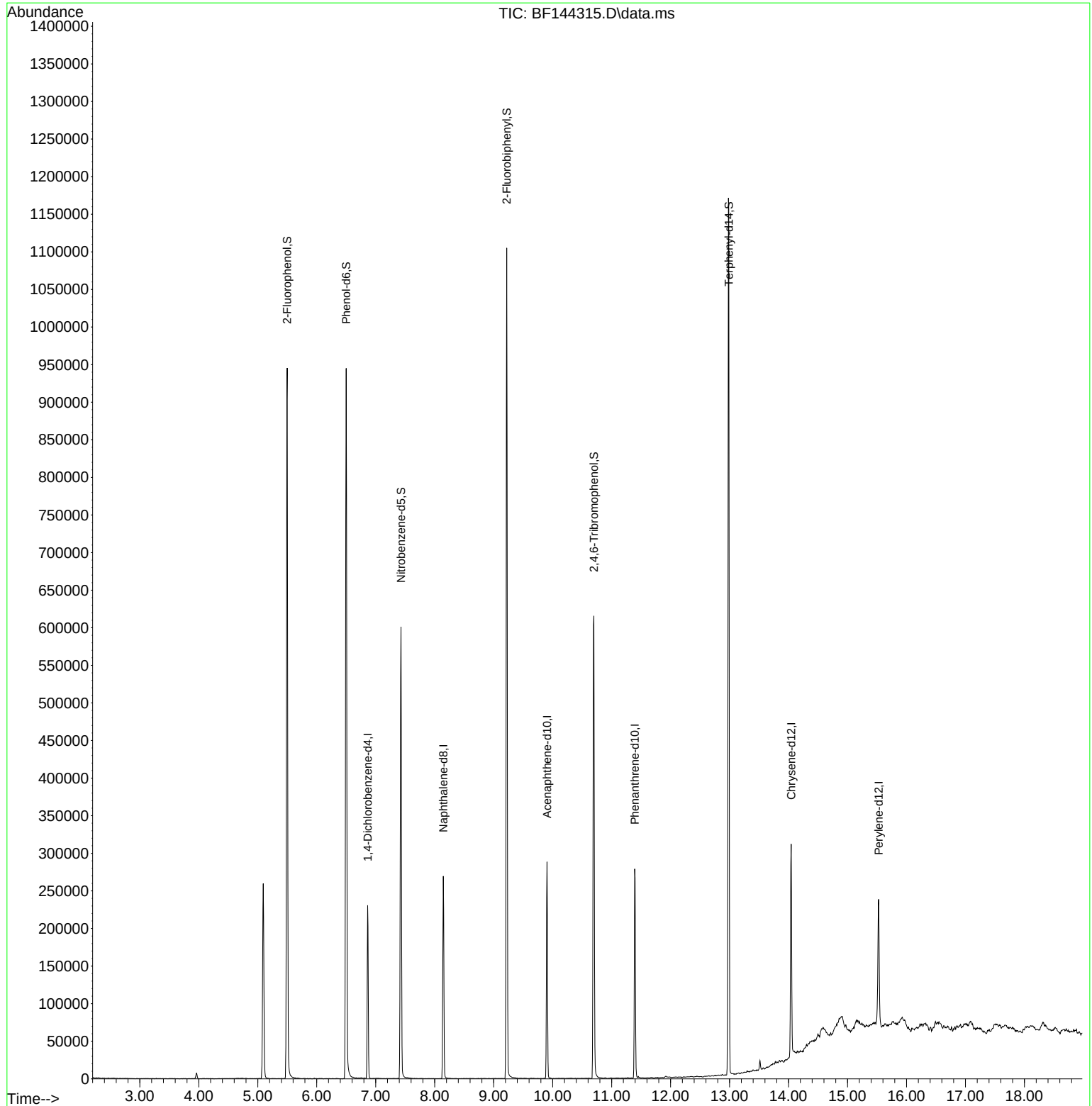
Target Compounds	Qvalue

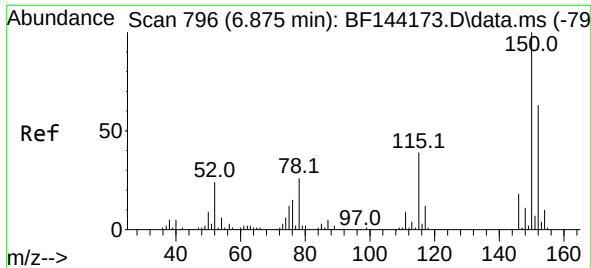
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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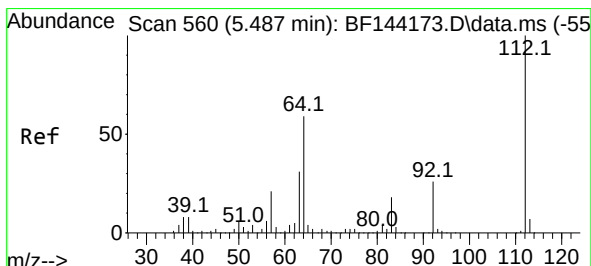
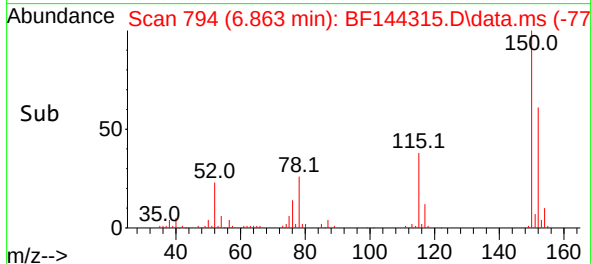
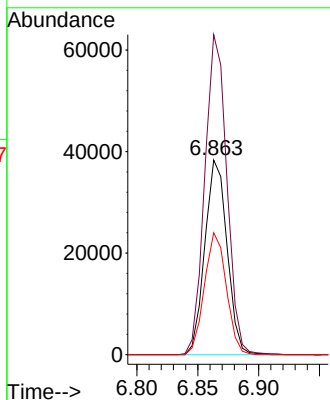
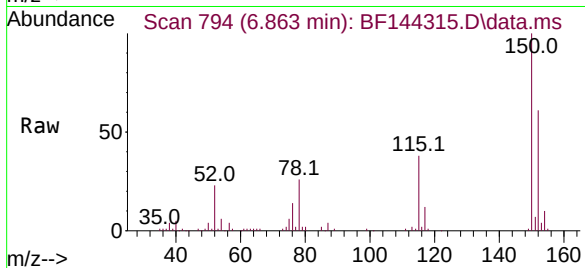




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

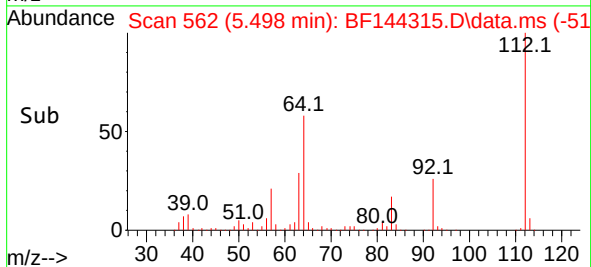
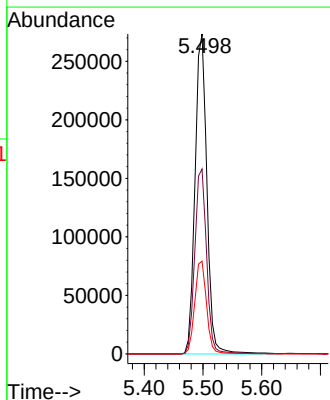
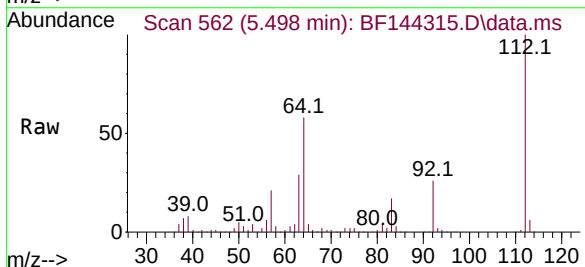
Instrument :
BNA_F
ClientSampleId :
PB170692BL

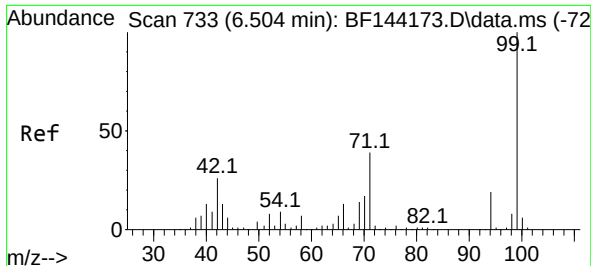
Tgt Ion:152 Resp: 48734
Ion Ratio Lower Upper
152 100
150 164.3 127.4 191.0
115 62.6 49.5 74.3



#5
2-Fluorophenol
Concen: 122.957 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

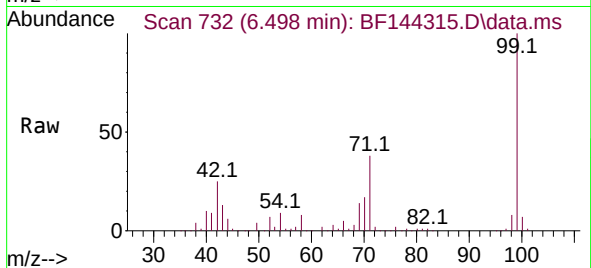
Tgt Ion:112 Resp: 382918
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 29.0 24.4 36.6





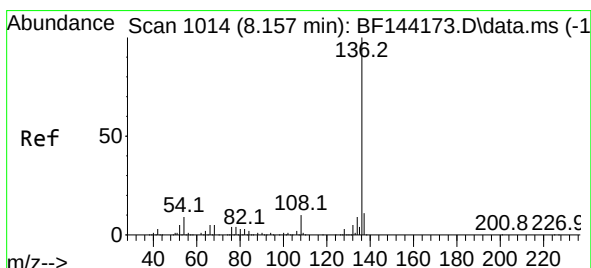
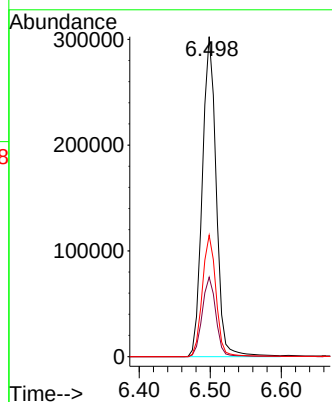
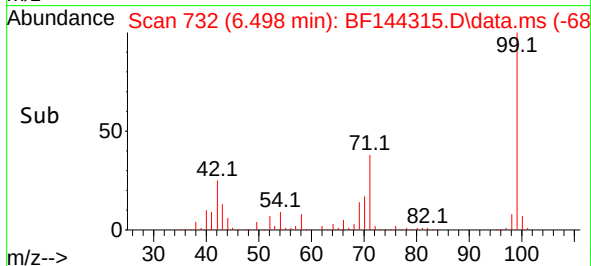
#7
Phenol-d6
Concen: 116.442 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Instrument :
BNA_F
ClientSampleId :
PB170692BL

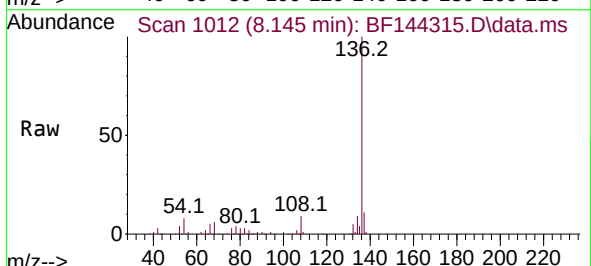


Tgt Ion: 99 Resp: 410886

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.9	31.3
71	37.9	31.4	47.2

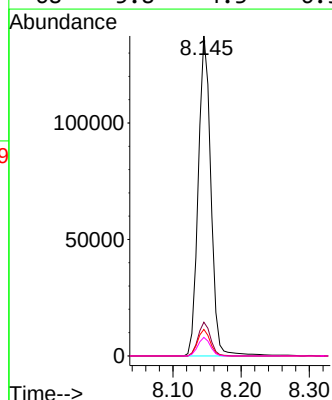
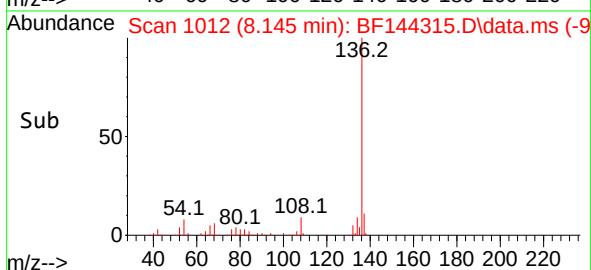


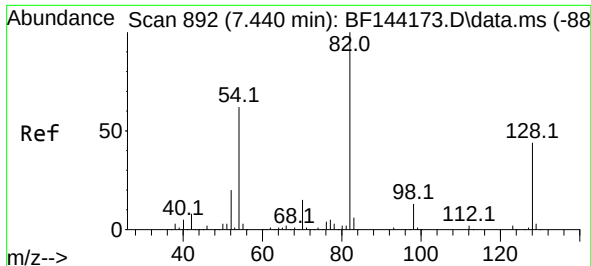
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49



Tgt Ion: 136 Resp: 177077

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.0	10.6
68	5.8	4.3	6.5





#23

Nitrobenzene-d5

Concen: 83.638 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144315.D

Acq: 21 Nov 2025 18:49

Instrument :

BNA_F

ClientSampleId :

PB170692BL

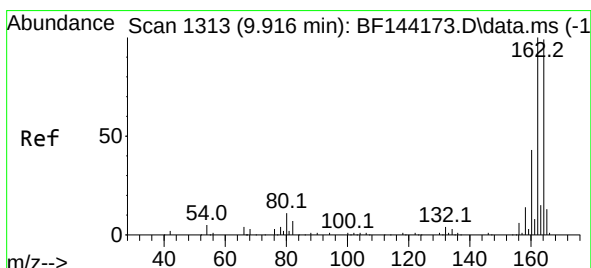
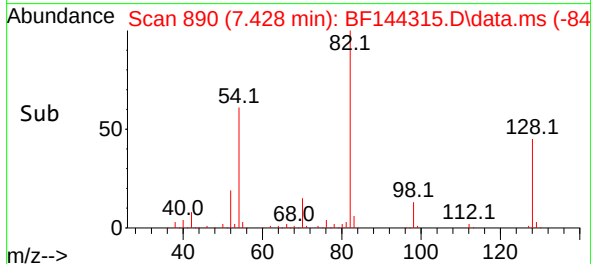
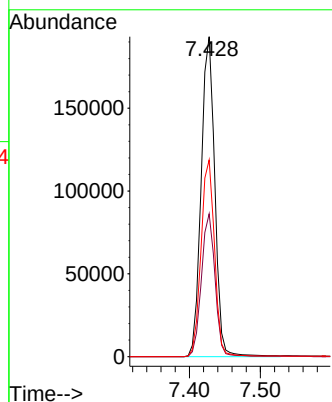
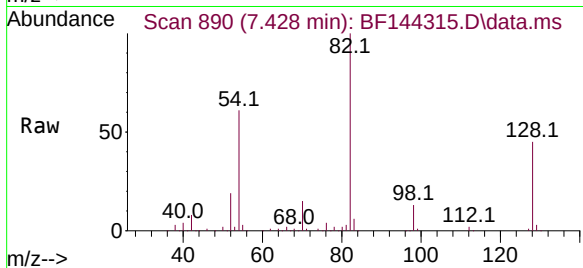
Tgt Ion: 82 Resp: 256435

Ion Ratio Lower Upper

82 100

128 44.6 34.7 52.1

54 61.5 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: BF144315.D

Acq: 21 Nov 2025 18:49

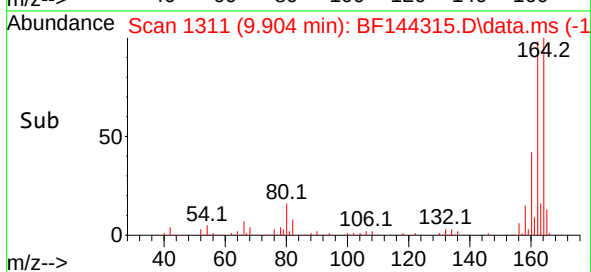
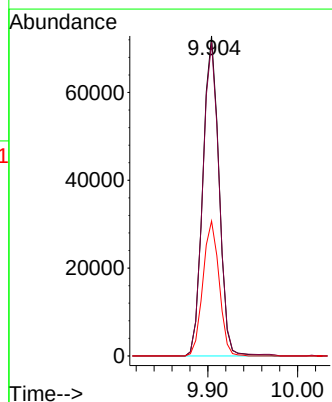
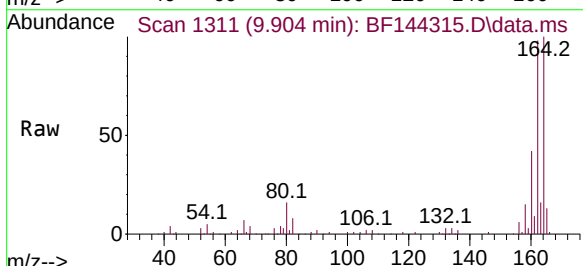
Tgt Ion: 164 Resp: 90665

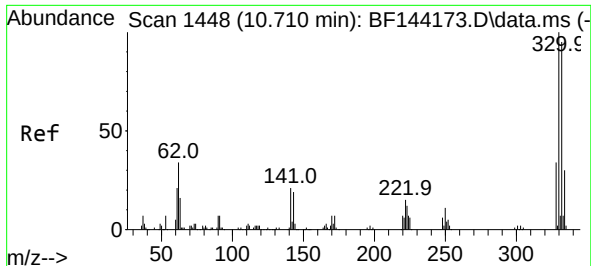
Ion Ratio Lower Upper

164 100

162 98.0 81.1 121.7

160 42.1 34.5 51.7

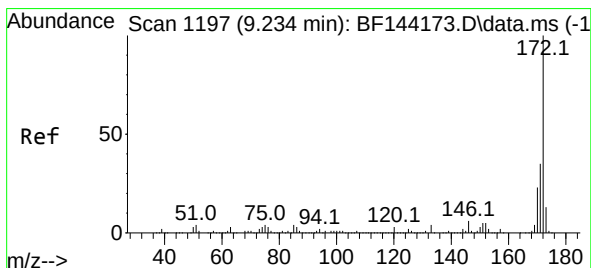
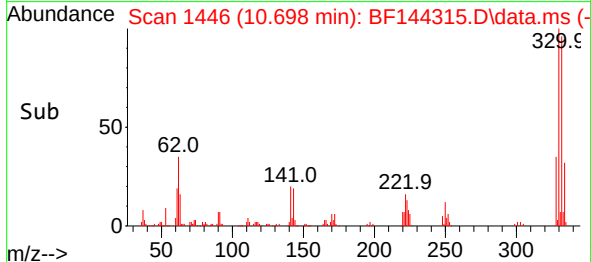
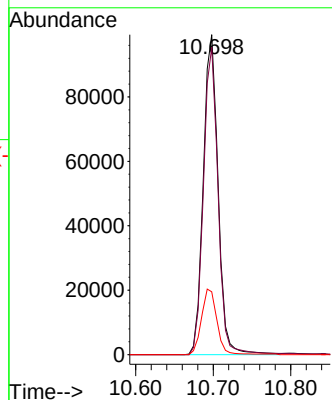
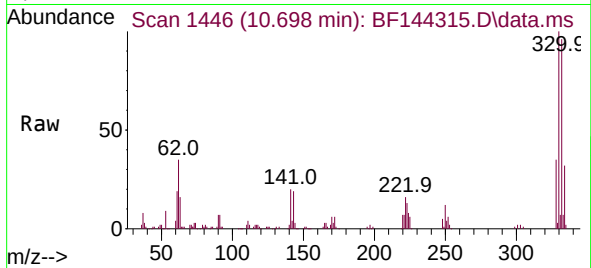




#42
2,4,6-Tribromophenol
Concen: 115.999 ng
RT: 10.698 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

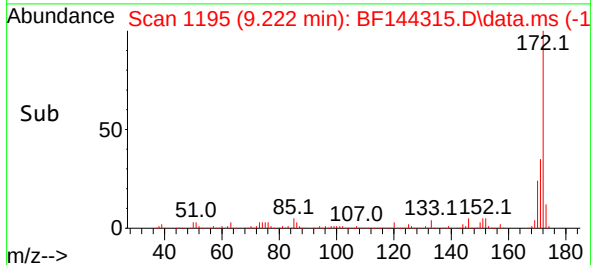
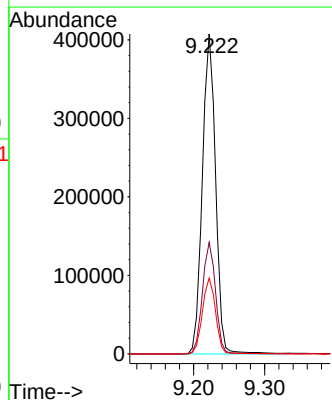
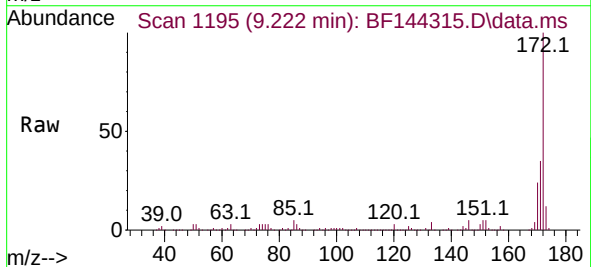
Instrument :
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ClientSampleId :
PB170692BL

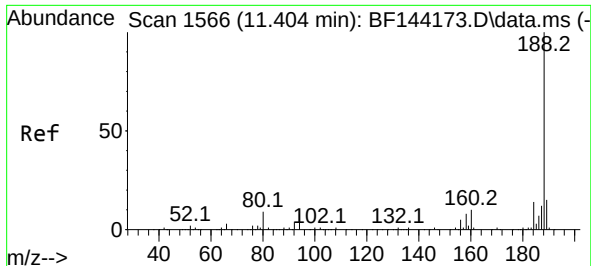
Tgt Ion:330 Resp: 131977
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 21.3 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 85.531 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

Tgt Ion:172 Resp: 525050
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.7 18.6 28.0

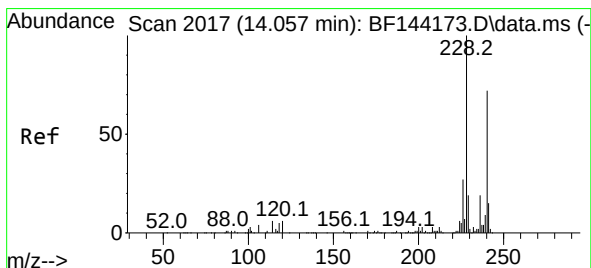
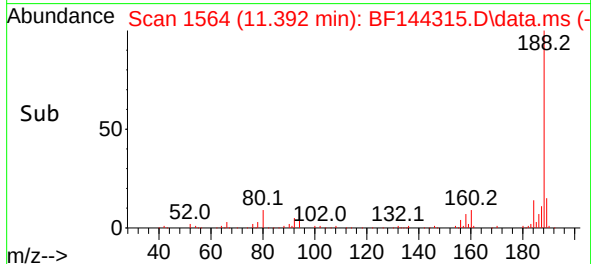
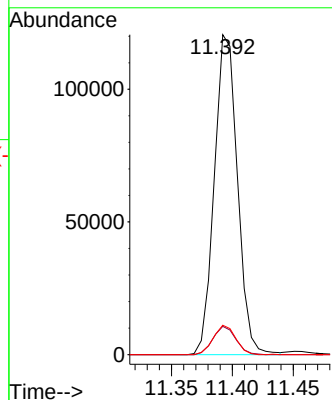
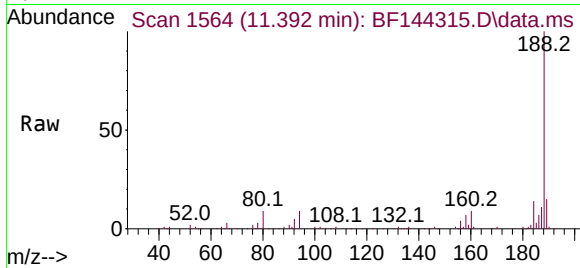




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

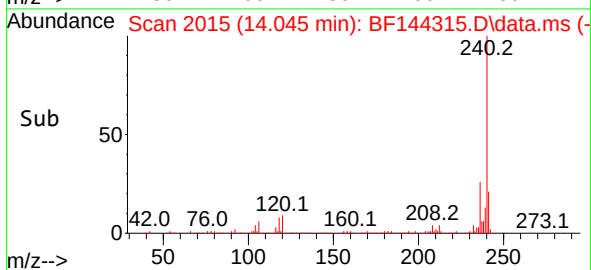
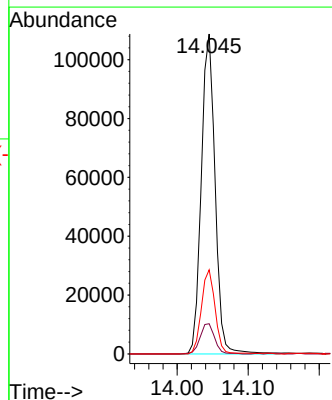
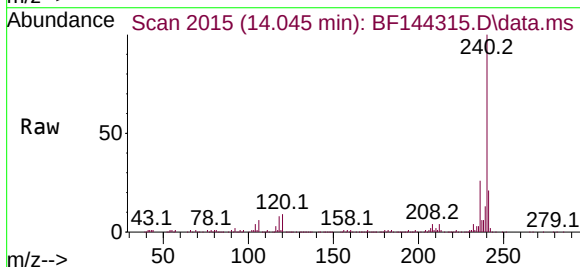
Instrument :
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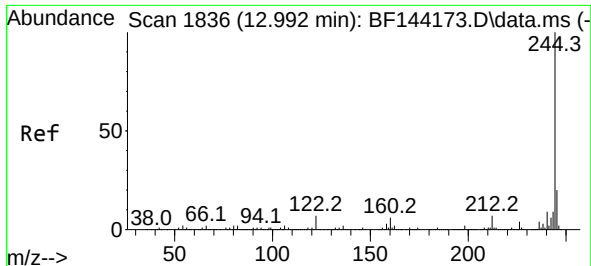
Tgt Ion:188 Resp: 159623
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144315.D
Acq: 21 Nov 2025 18:49

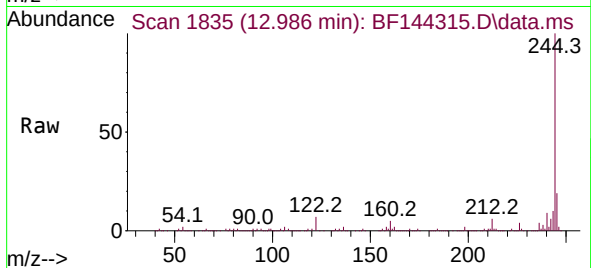
Tgt Ion:240 Resp: 146079
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 26.3 21.4 32.2



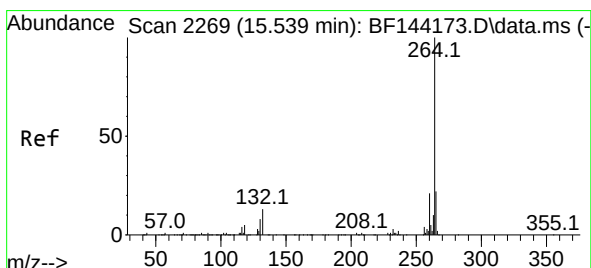
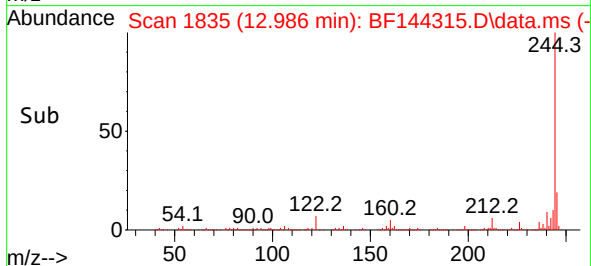
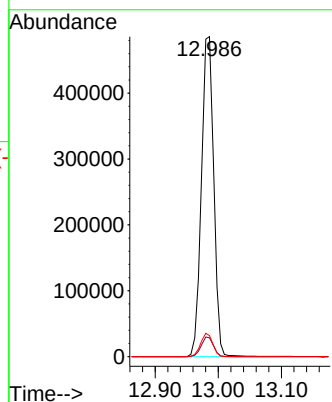


#79
 Terphenyl-d14
 Concen: 71.464 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144315.D
 Acq: 21 Nov 2025 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB170692BL



Tgt Ion:244 Resp: 657224
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.3 7.9
 122 6.6 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: BF144315.D
 Acq: 21 Nov 2025 18:49

Tgt Ion:264 Resp: 111347
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.1 25.7
 265 20.2 17.4 26.0

