

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144349.D
 Acq On : 25 Nov 2025 14:24
 Operator : RC/JU
 Sample : PB170730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170730BL

Quant Time: Nov 25 17:03:03 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	59267	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	226673	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	116116	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	206153	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	140232	20.000	ng	-0.01
86) Perylene-d12	15.515	264	175265	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	312345	82.471	ng	0.00
7) Phenol-d6	6.492	99	366629	85.434	ng	0.00
23) Nitrobenzene-d5	7.422	82	335356	85.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	95503	65.542	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	670792	85.321	ng	-0.01
79) Terphenyl-d14	12.980	244	693654	78.570	ng	-0.01

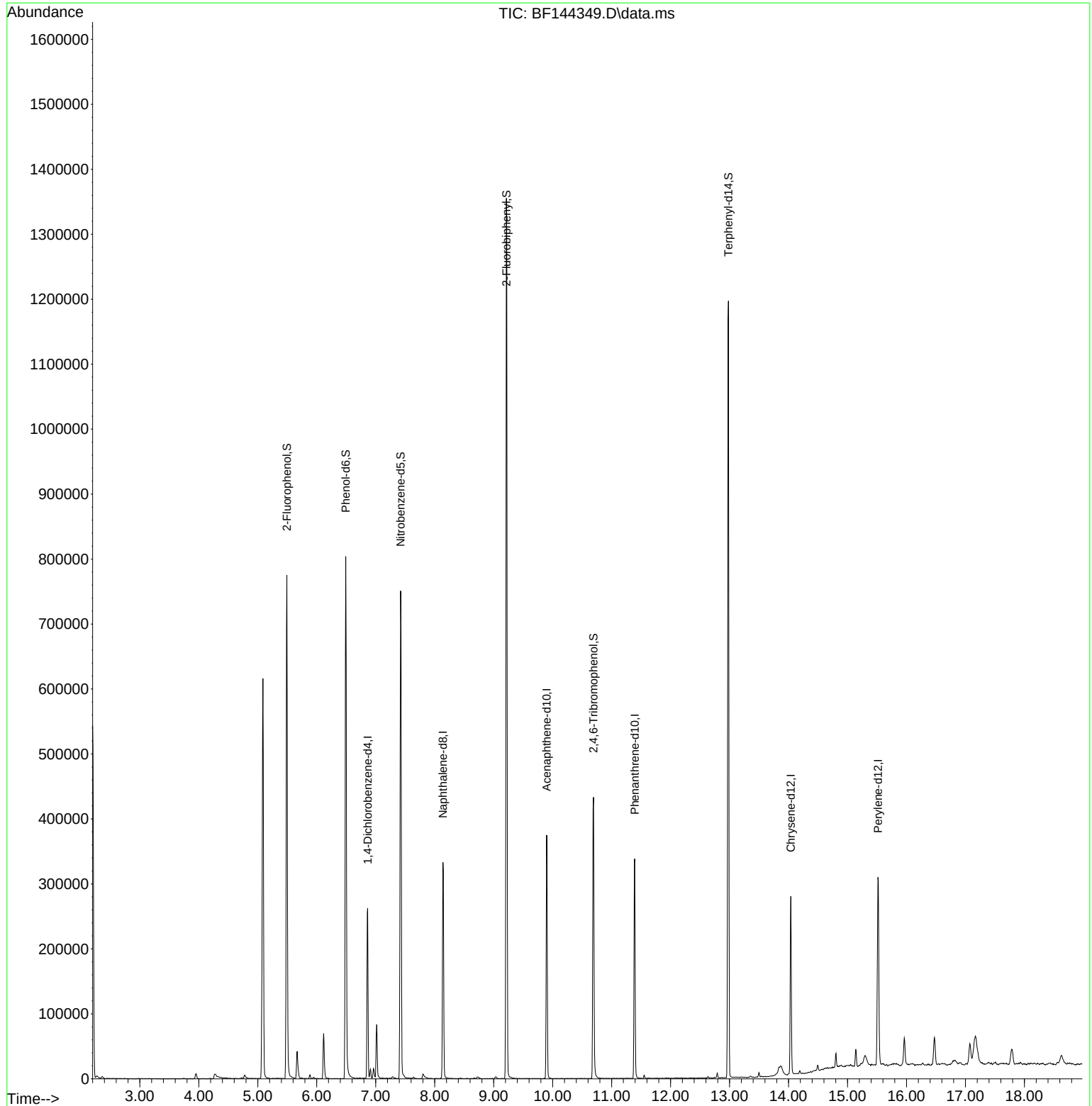
Target Compounds	Qvalue

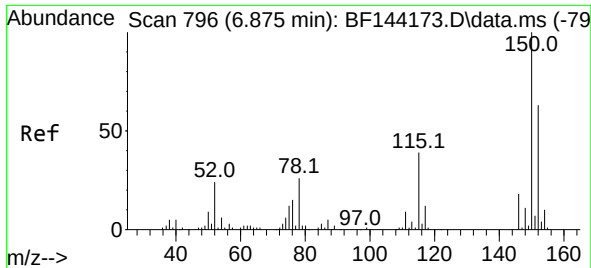
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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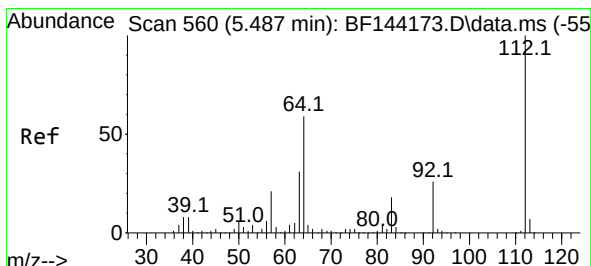
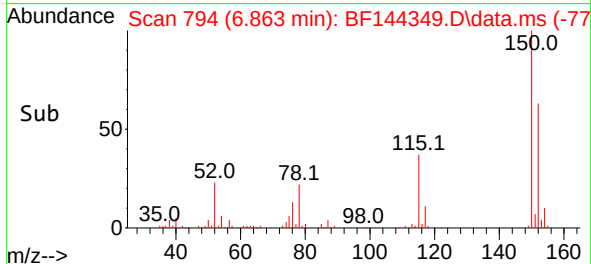
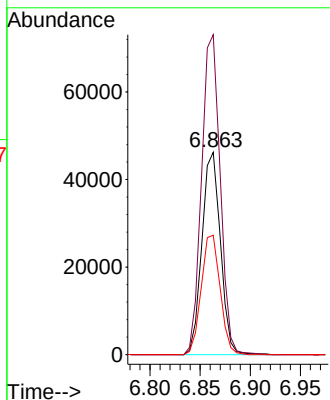
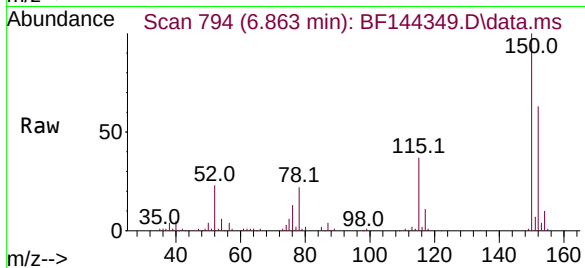




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

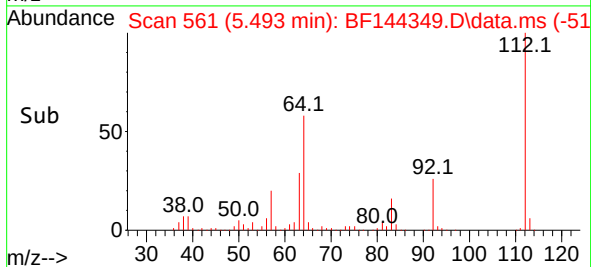
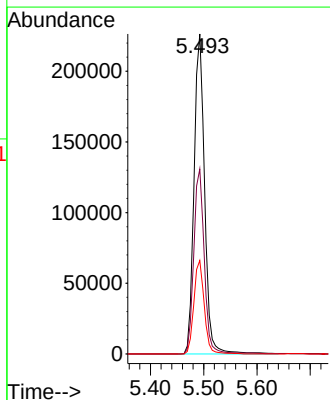
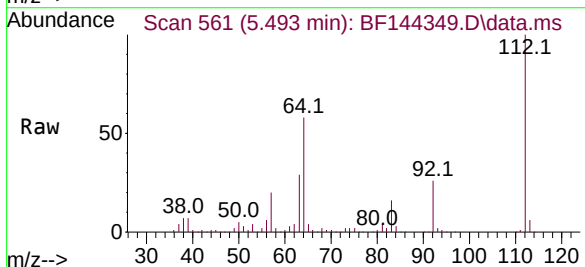
Instrument :
BNA_F
ClientSampleId :
PB170730BL

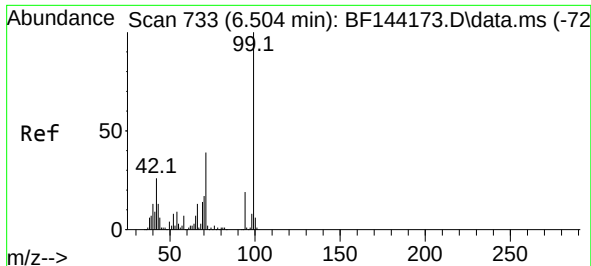
Tgt Ion:152 Resp: 59267
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 59.1 49.5 74.3



#5
2-Fluorophenol
Concen: 82.471 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

Tgt Ion:112 Resp: 312345
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 29.2 24.4 36.6

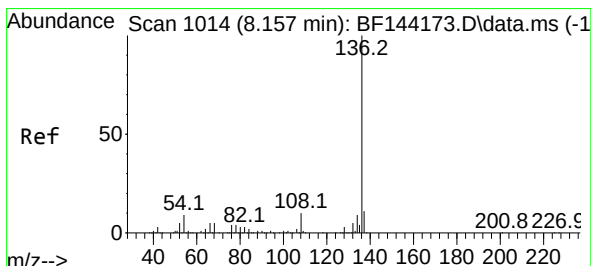
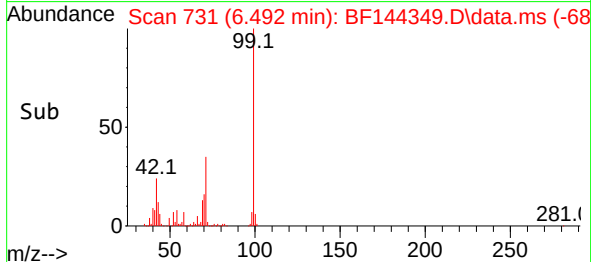
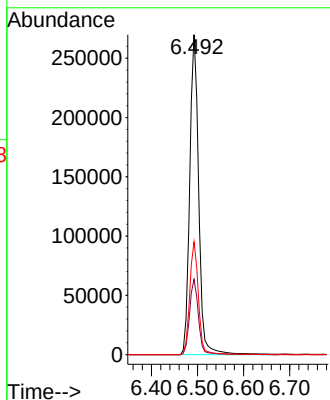
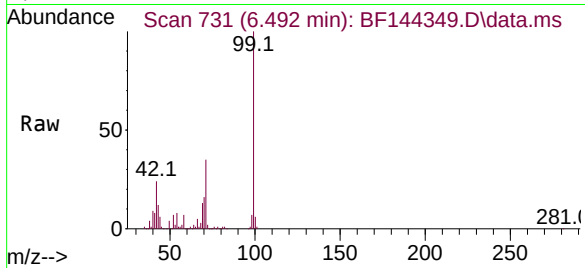




#7
Phenol-d6
Concen: 85.434 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

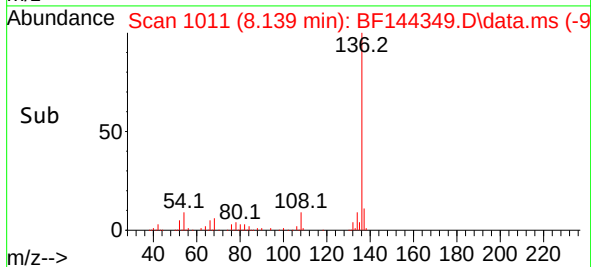
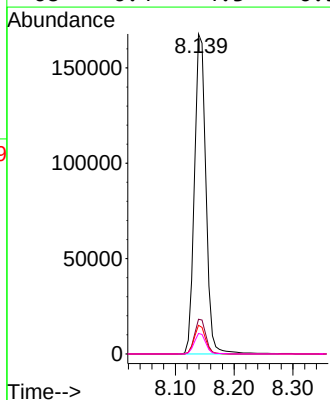
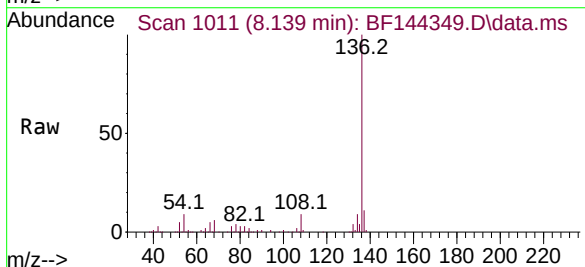
Instrument :
BNA_F
ClientSampleId :
PB170730BL

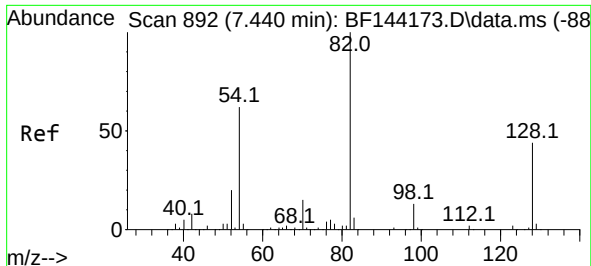
Tgt Ion: 99 Resp: 366629
Ion Ratio Lower Upper
99 100
42 23.5 20.9 31.3
71 35.2 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

Tgt Ion: 136 Resp: 226673
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.0 10.6
68 6.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 85.447 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144349.D

Acq: 25 Nov 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

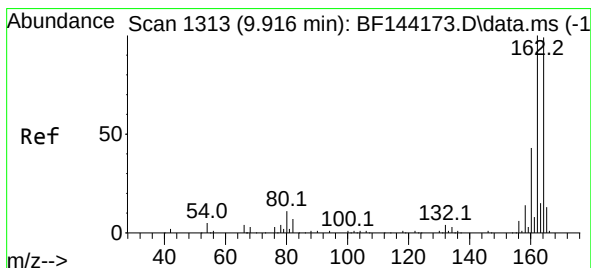
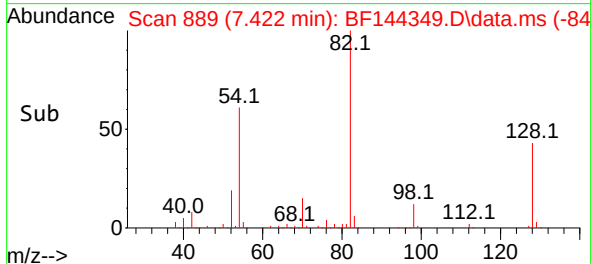
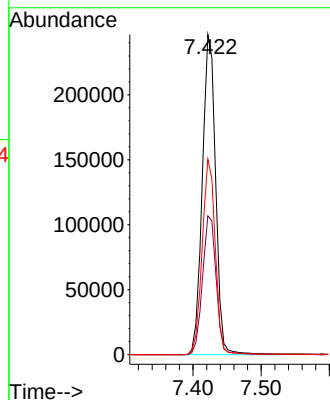
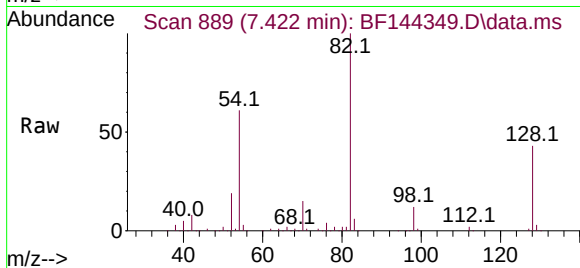
Tgt Ion: 82 Resp: 335356

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 61.0 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144349.D

Acq: 25 Nov 2025 14:24

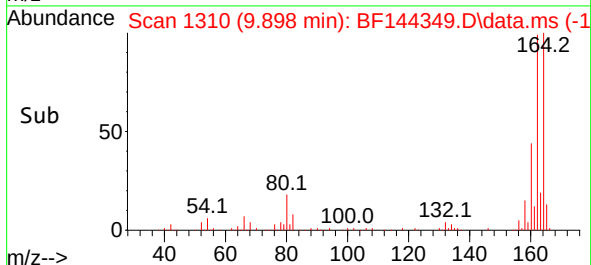
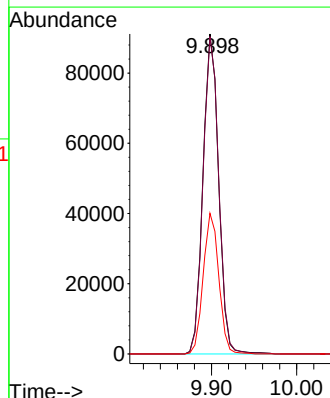
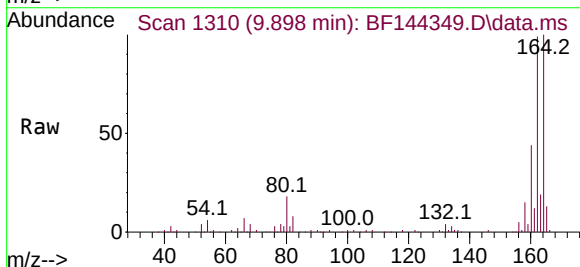
Tgt Ion:164 Resp: 116116

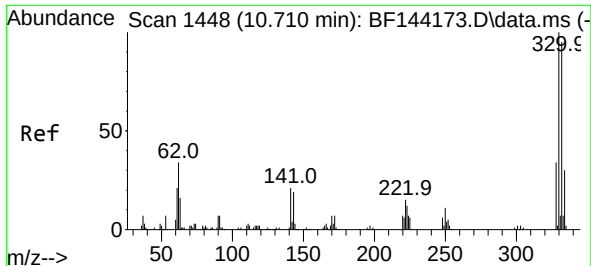
Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

160 43.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 65.542 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144349.D

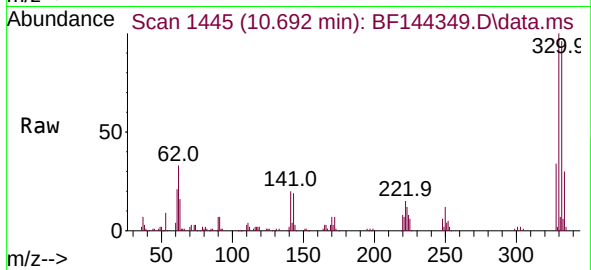
Acq: 25 Nov 2025 14:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL



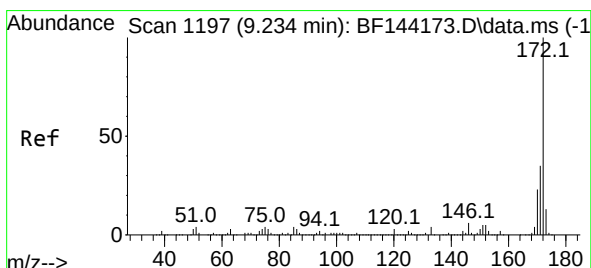
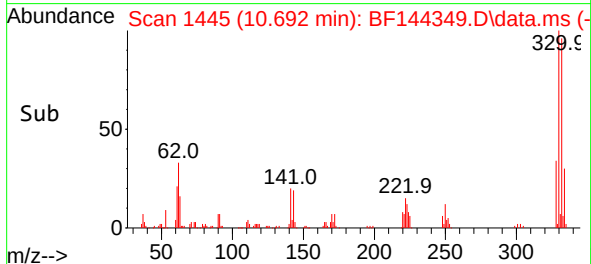
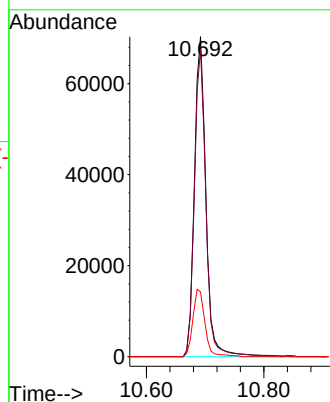
Tgt Ion:330 Resp: 95503

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 22.0 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 85.321 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144349.D

Acq: 25 Nov 2025 14:24

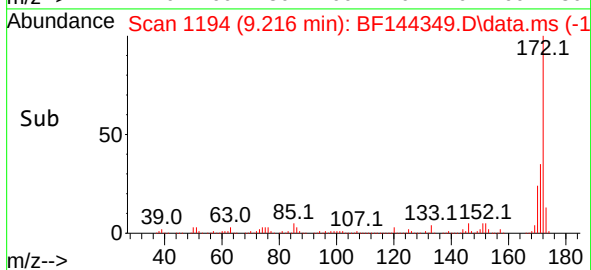
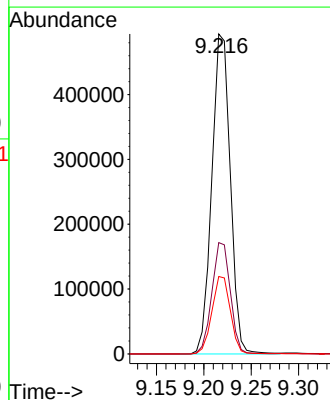
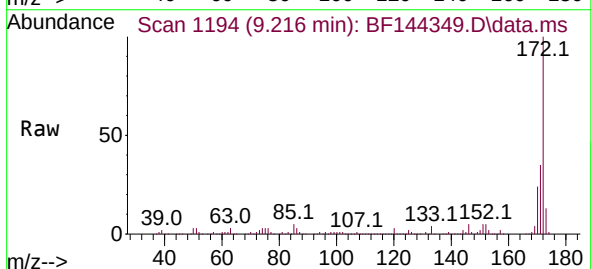
Tgt Ion:172 Resp: 670792

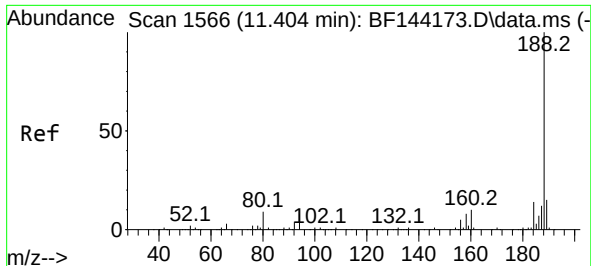
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 24.2 18.6 28.0

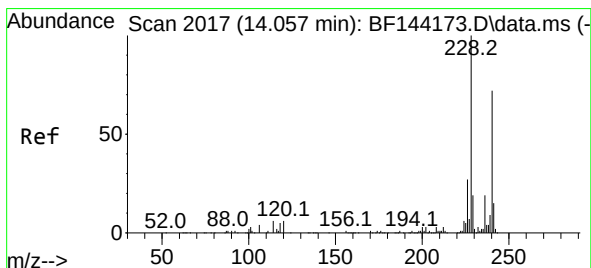
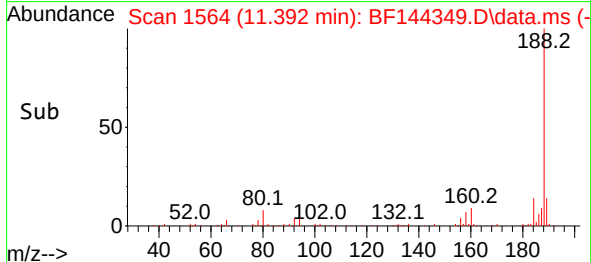
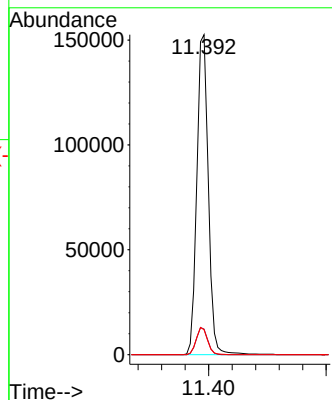
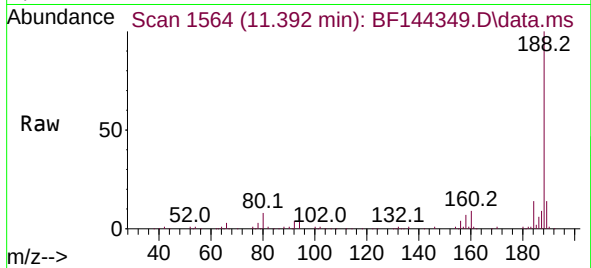




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

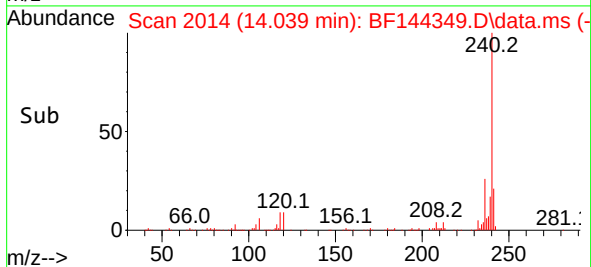
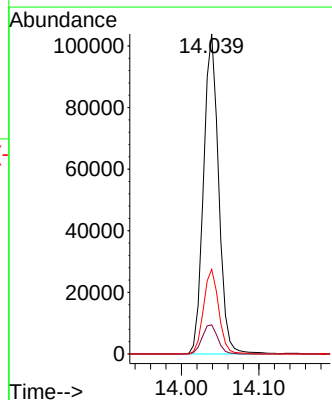
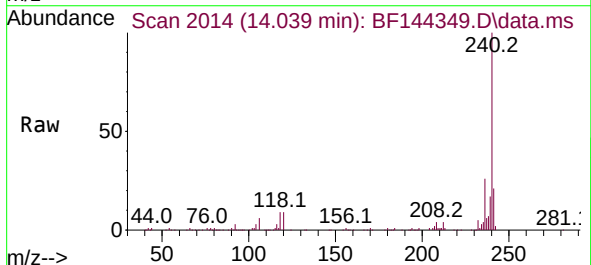
Instrument :
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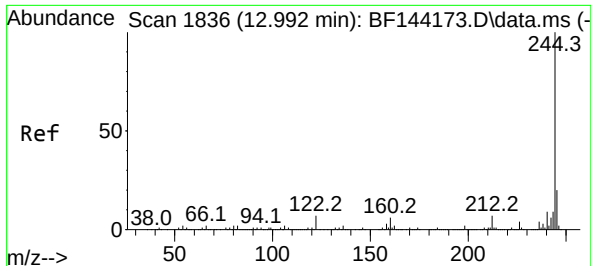
Tgt Ion:188 Resp: 206153
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 7.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144349.D
Acq: 25 Nov 2025 14:24

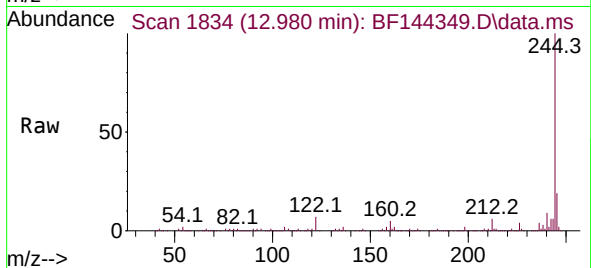
Tgt Ion:240 Resp: 140232
Ion Ratio Lower Upper
240 100
120 9.1 6.6 10.0
236 26.4 21.4 32.2



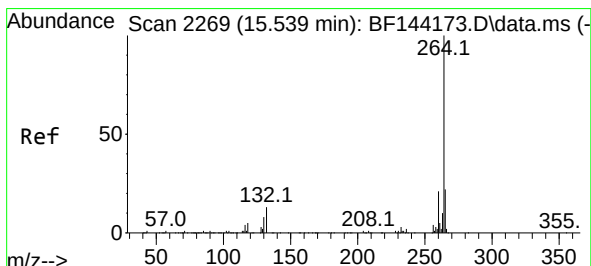
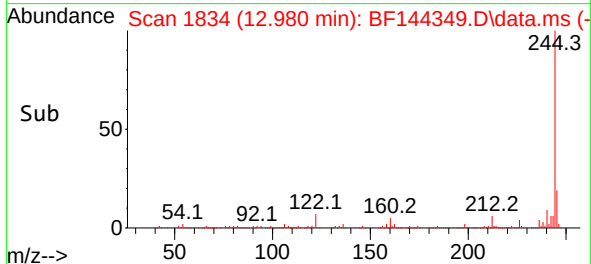
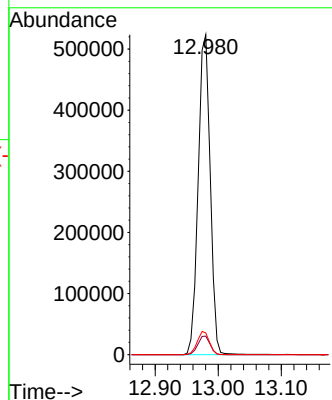


#79
 Terphenyl-d14
 Concen: 78.570 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144349.D
 Acq: 25 Nov 2025 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB170730BL



Tgt Ion:244 Resp: 693654
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.3 7.9
 122 6.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF144349.D
 Acq: 25 Nov 2025 14:24

Tgt Ion:264 Resp: 175265
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.1 25.7
 265 20.9 17.4 26.0

