

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022825\
 Data File : BF141808.D
 Acq On : 28 Feb 2025 14:21
 Operator : RC/JU
 Sample : Q1451-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ208

Quant Time: Feb 28 15:31:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	276680	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1092386	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	609782	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1024358	20.000	ng	0.00
76) Chrysene-d12	14.045	240	774028	20.000	ng	0.00
86) Perylene-d12	15.515	264	695200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1960845	113.179	ng	0.00
7) Phenol-d6	6.504	99	2640490	117.094	ng	0.00
23) Nitrobenzene-d5	7.445	82	1754738	102.677	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	729576	127.443	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3367701	88.555	ng	0.00
79) Terphenyl-d14	12.998	244	4069479	85.063	ng	0.00

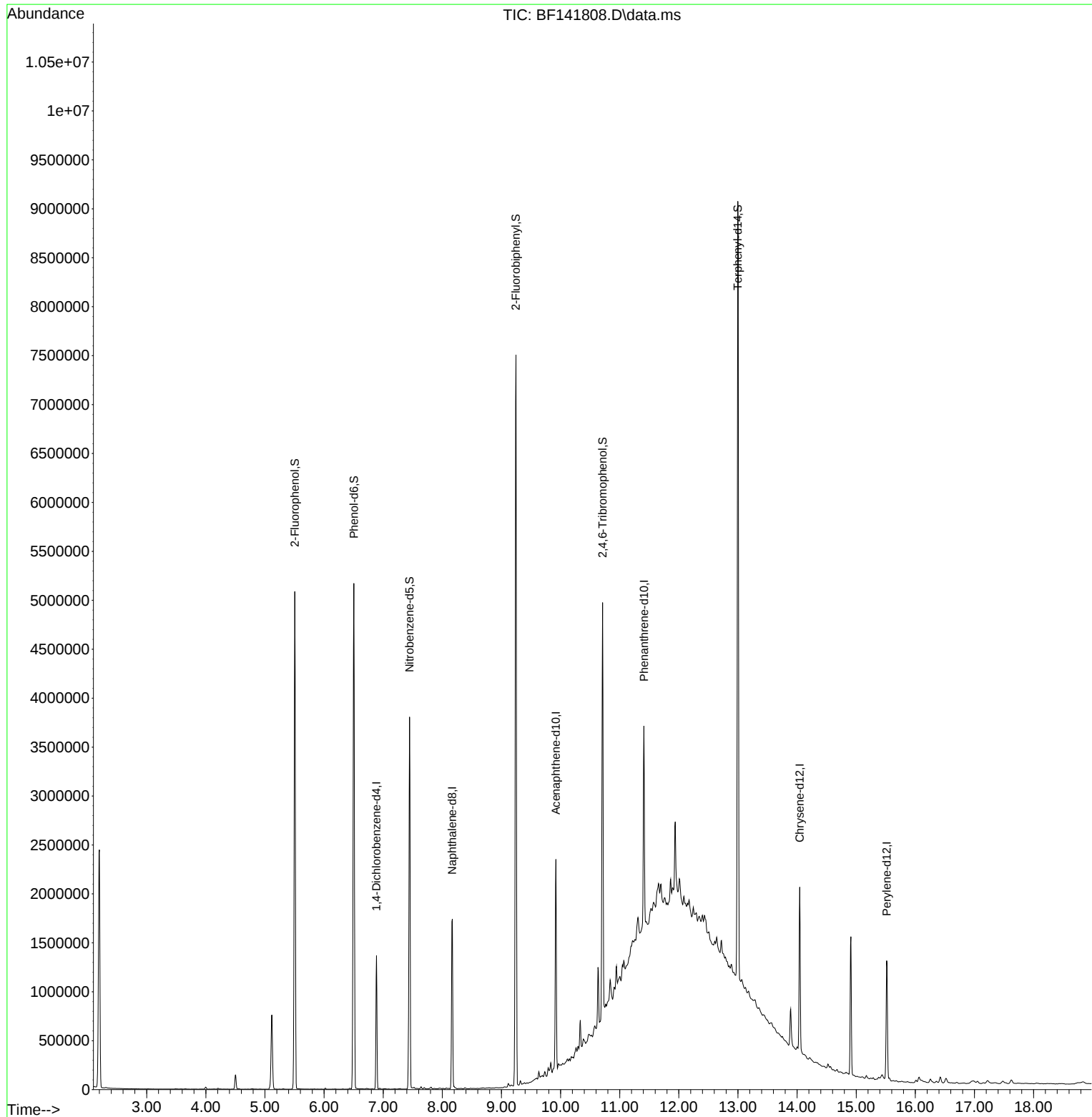
Target Compounds	Qvalue

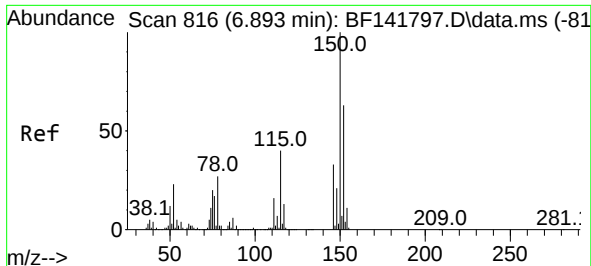
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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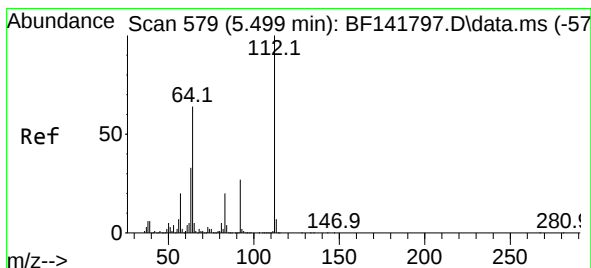
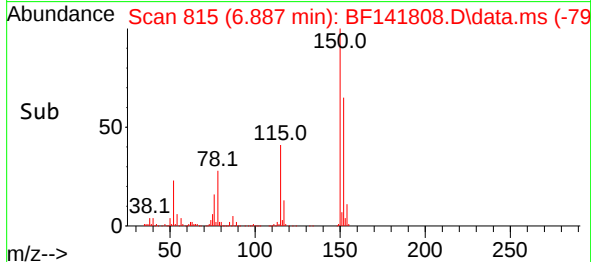
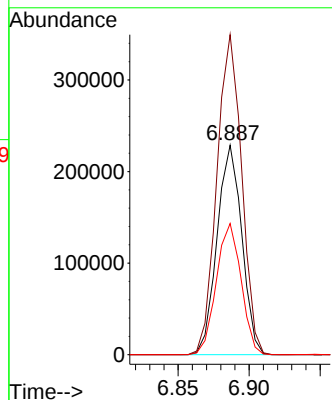
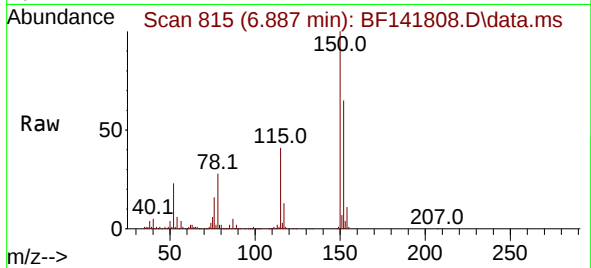




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141808.D
Acq: 28 Feb 2025 14:21

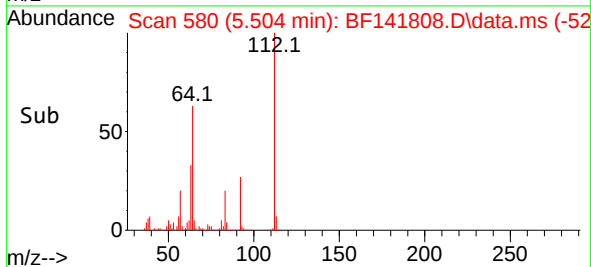
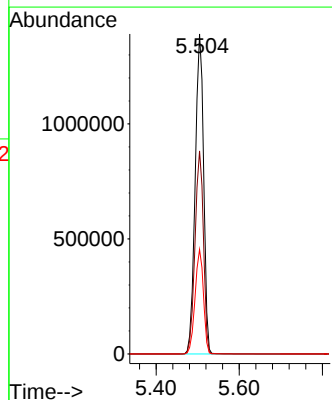
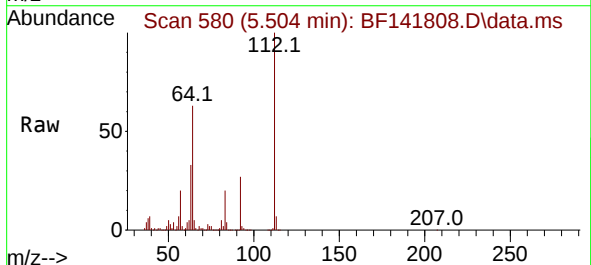
Instrument :
BNA_F
ClientSampleId :
VNJ208

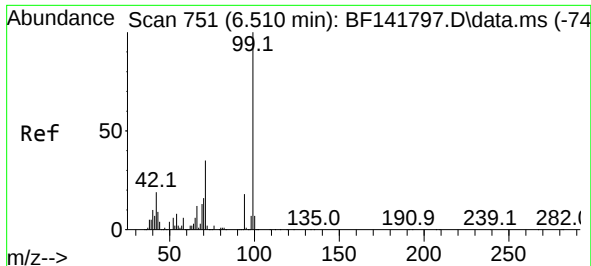
Tgt Ion:152 Resp: 276680
Ion Ratio Lower Upper
152 100
150 152.8 127.5 191.3
115 62.6 51.4 77.2



#5
2-Fluorophenol
Concen: 113.179 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF141808.D
Acq: 28 Feb 2025 14:21

Tgt Ion:112 Resp: 1960845
Ion Ratio Lower Upper
112 100
64 63.4 51.3 76.9
63 32.7 26.2 39.4

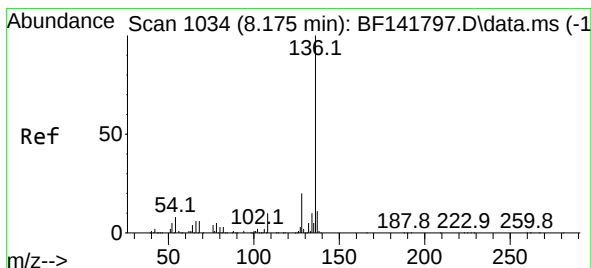
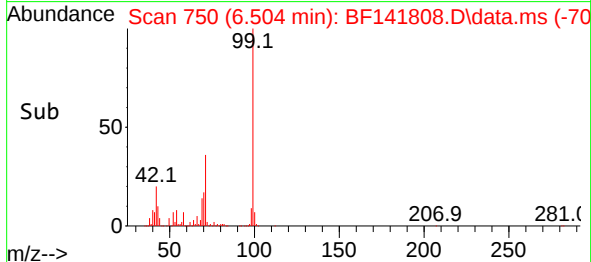
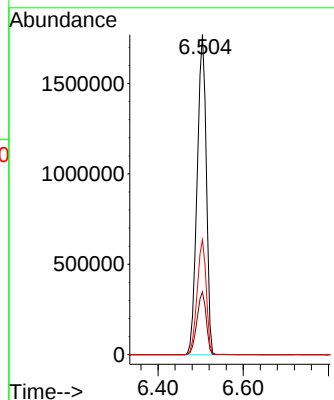
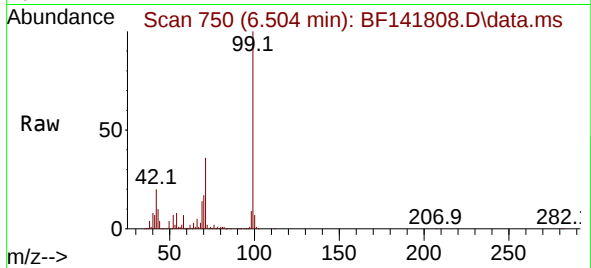




#7
Phenol-d6
Concen: 117.094 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141808.D
Acq: 28 Feb 2025 14:21

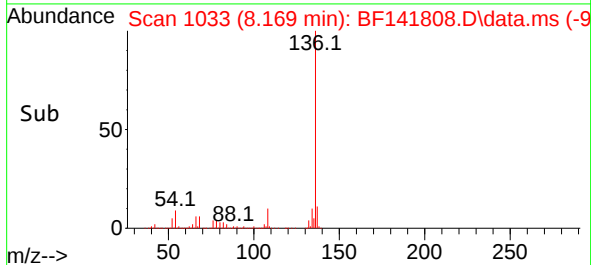
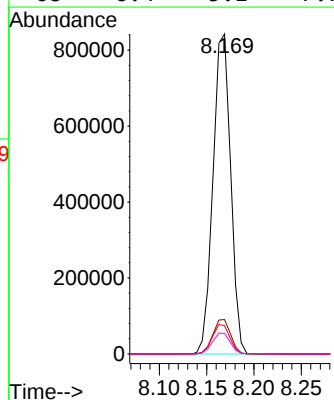
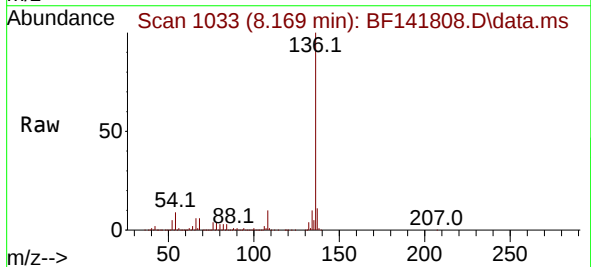
Instrument :
BNA_F
ClientSampleId :
VNJ208

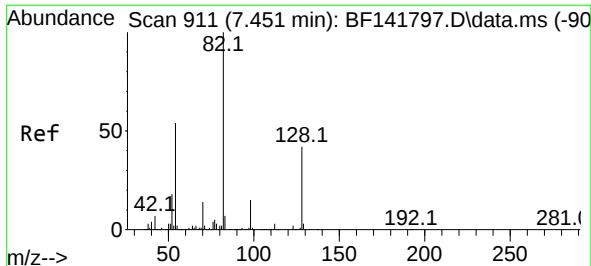
Tgt Ion: 99 Resp: 2640490
Ion Ratio Lower Upper
99 100
42 19.6 15.2 22.8
71 35.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141808.D
Acq: 28 Feb 2025 14:21

Tgt Ion:136 Resp: 1092386
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.8 6.9 10.3
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 102.677 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141808.D

Acq: 28 Feb 2025 14:21

Instrument :

BNA_F

ClientSampleId :

VNJ208

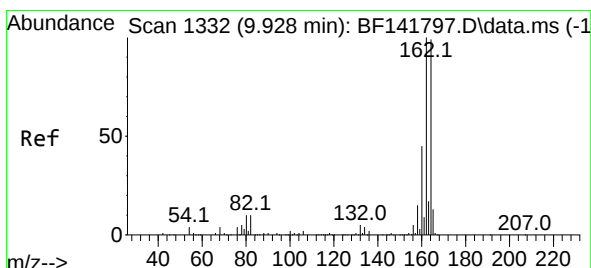
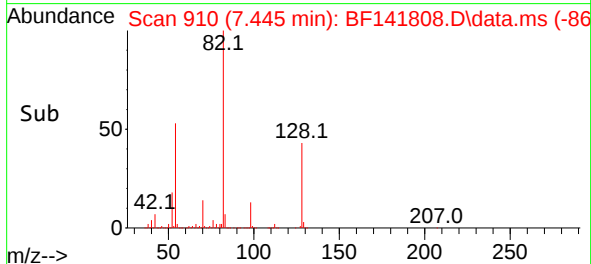
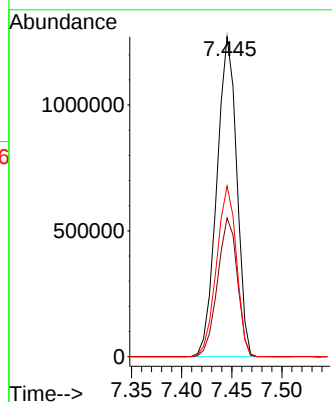
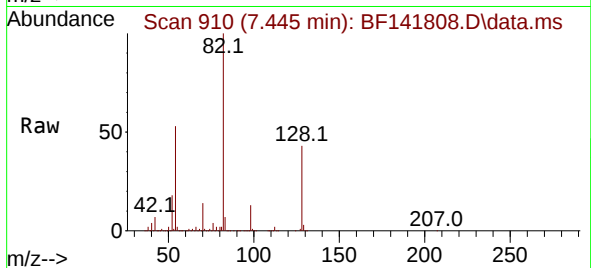
Tgt Ion: 82 Resp: 1754738

Ion Ratio Lower Upper

82 100

128 43.4 33.5 50.3

54 53.3 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF141808.D

Acq: 28 Feb 2025 14:21

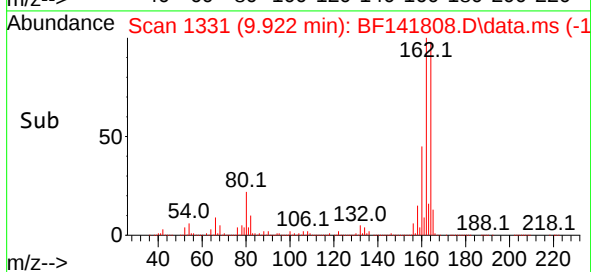
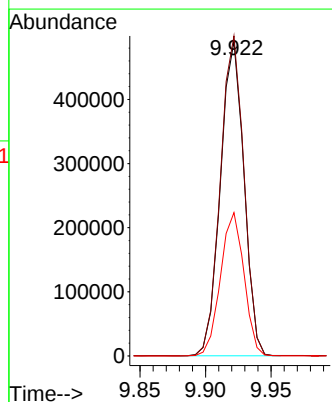
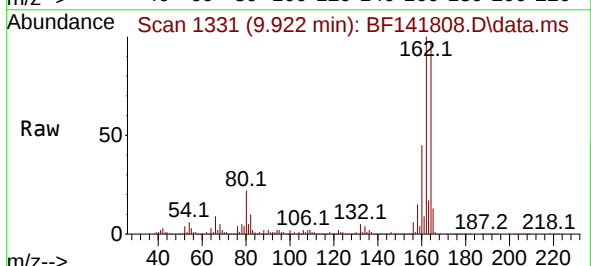
Tgt Ion:164 Resp: 609782

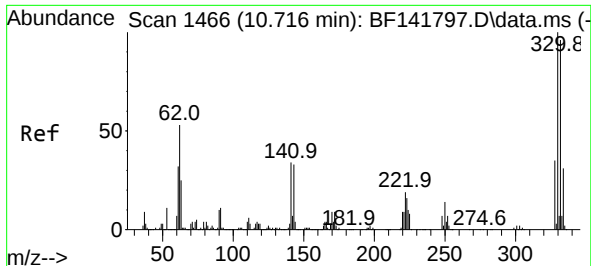
Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 127.443 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141808.D

Acq: 28 Feb 2025 14:21

Instrument :

BNA_F

ClientSampleId :

VNJ208

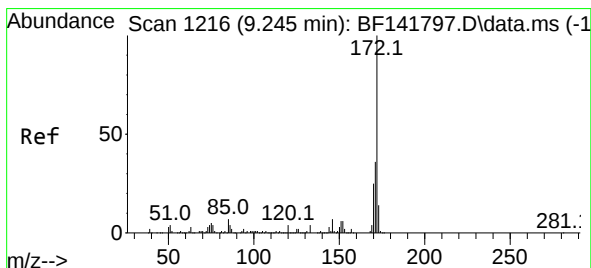
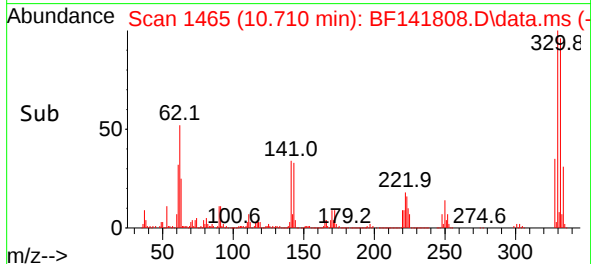
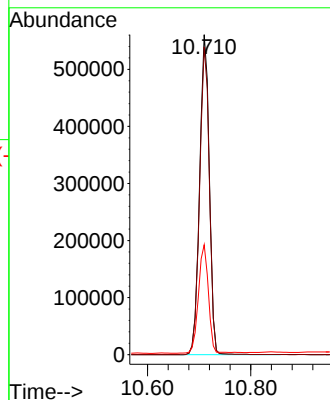
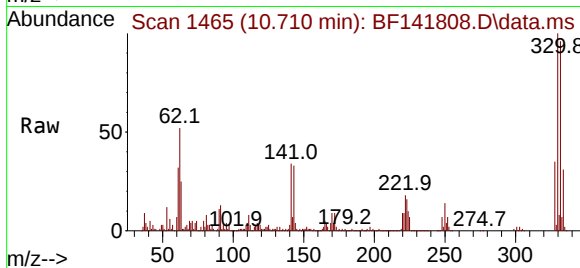
Tgt Ion:330 Resp: 729576

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 34.7 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 88.555 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF141808.D

Acq: 28 Feb 2025 14:21

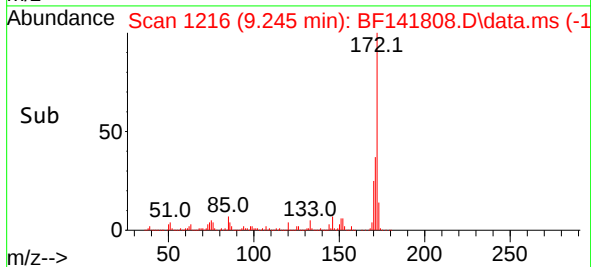
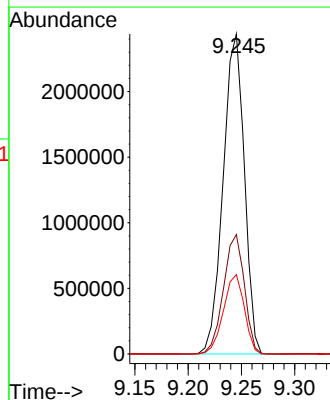
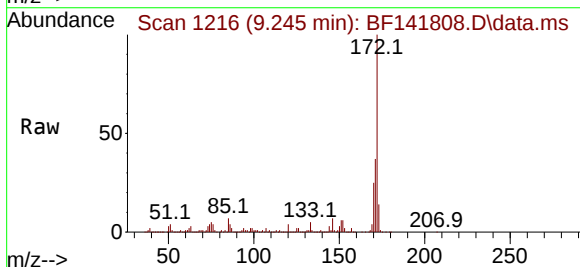
Tgt Ion:172 Resp: 3367701

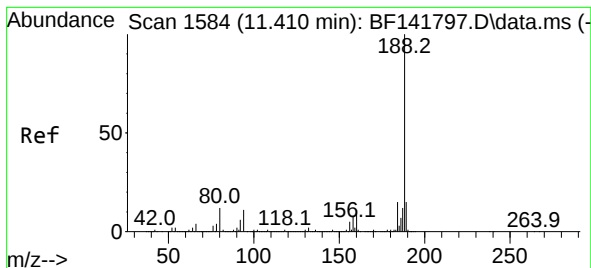
Ion Ratio Lower Upper

172 100

171 37.3 29.2 43.8

170 24.8 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141808.D

Acq: 28 Feb 2025 14:21

Instrument :

BNA_F

ClientSampleId :

VNJ208

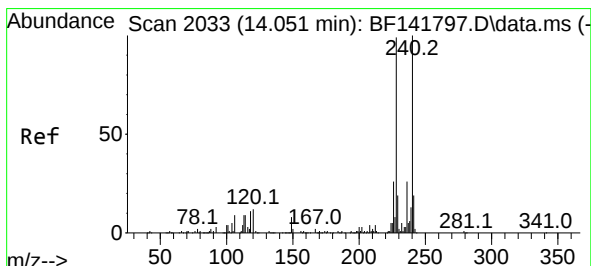
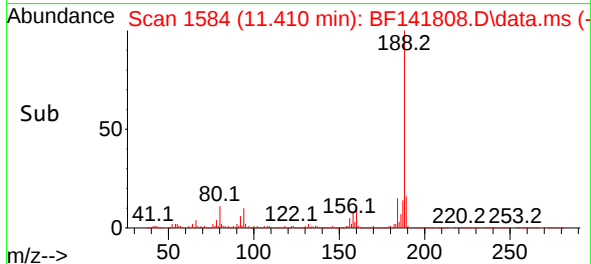
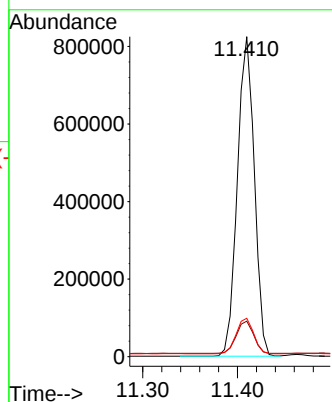
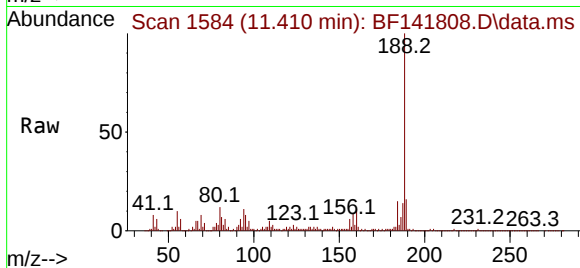
Tgt Ion:188 Resp: 1024358

Ion Ratio Lower Upper

188 100

94 11.1 8.9 13.3

80 12.0 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF141808.D

Acq: 28 Feb 2025 14:21

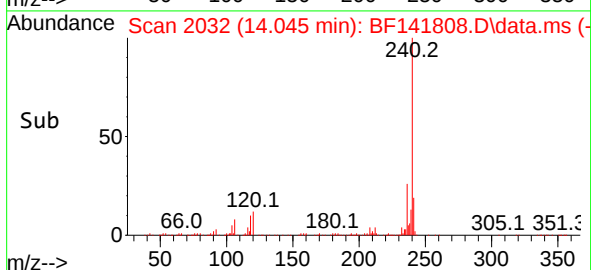
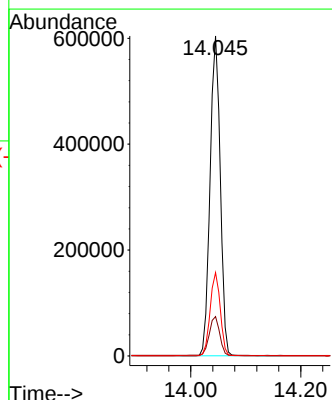
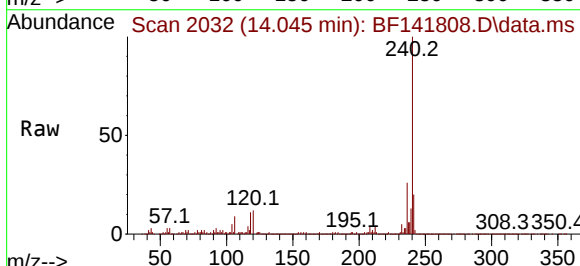
Tgt Ion:240 Resp: 774028

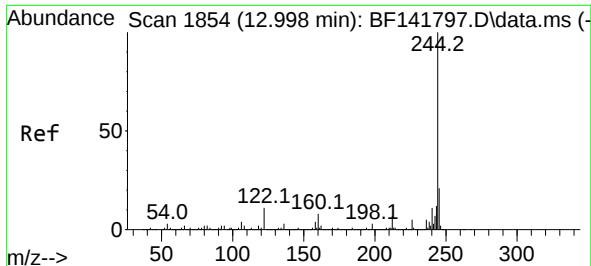
Ion Ratio Lower Upper

240 100

120 12.3 9.7 14.5

236 26.0 21.0 31.4

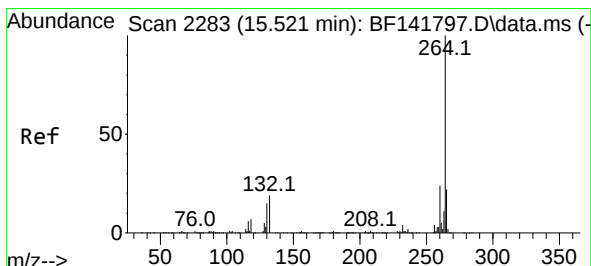
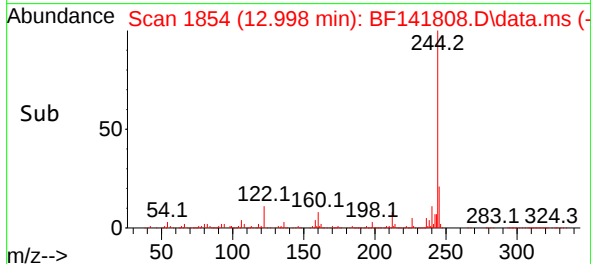
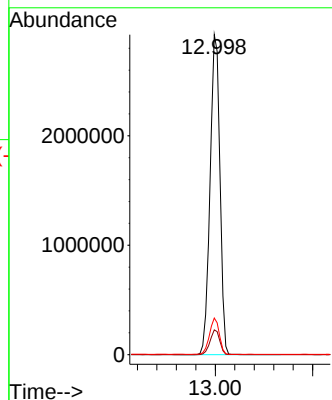
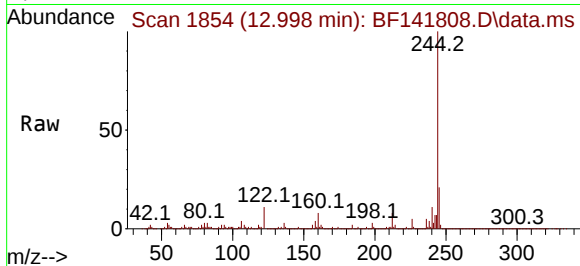




#79
 Terphenyl-d14
 Concen: 85.063 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF141808.D
 Acq: 28 Feb 2025 14:21

Instrument :
 BNA_F
 ClientSampleId :
 VNJ208

Tgt Ion:244 Resp: 4069479
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF141808.D
 Acq: 28 Feb 2025 14:21

Tgt Ion:264 Resp: 695200
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.4 17.4 26.0

