

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141468.D
 Acq On : 06 Feb 2025 00:33
 Operator : RC/JU
 Sample : Q1286-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-020425

Quant Time: Feb 06 01:52:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	52570	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	181713	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	87497	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	161478	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	111488	20.000	ng	-0.02
86) Perylene-d12	15.415	264	85256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	60605	17.698	ng	0.00
7) Phenol-d6	6.428	99	69053	15.852	ng	-0.01
23) Nitrobenzene-d5	7.351	82	42196	12.241	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	14007	17.462	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	74807	13.160	ng	-0.02
79) Terphenyl-d14	12.904	244	92574	12.806	ng	-0.01

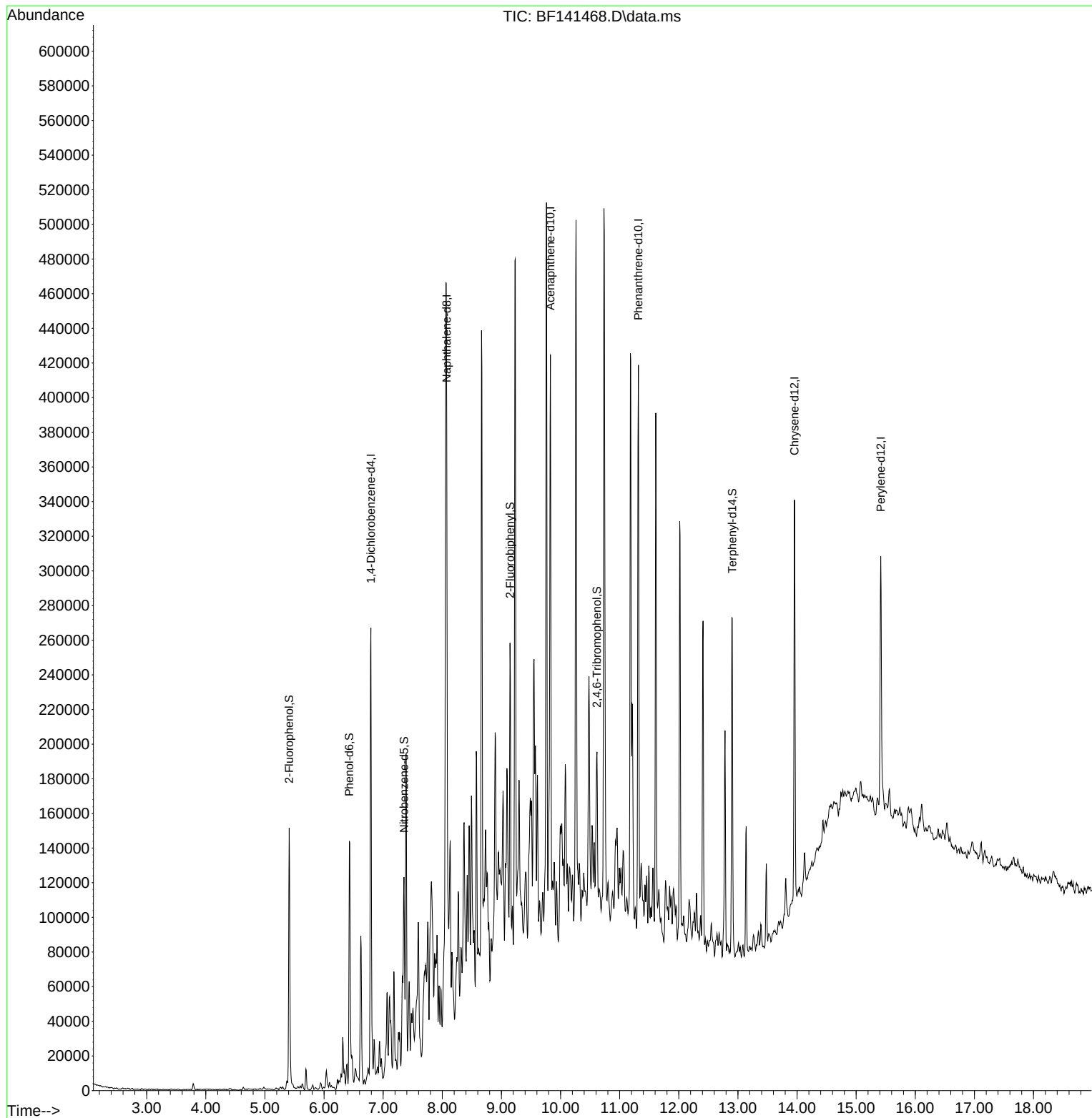
Target Compounds	Qvalue

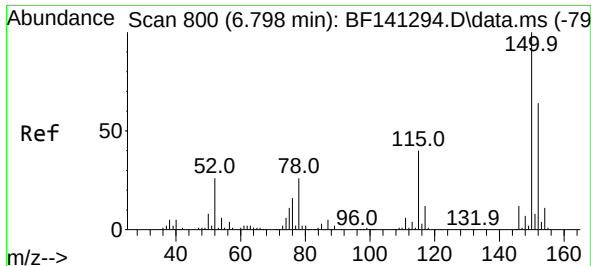
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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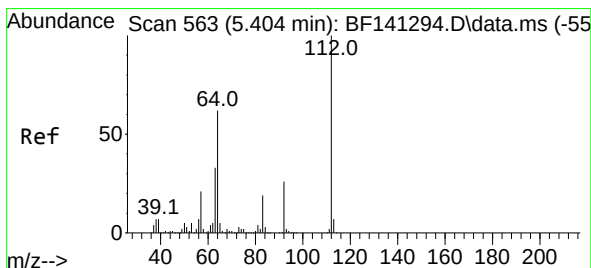
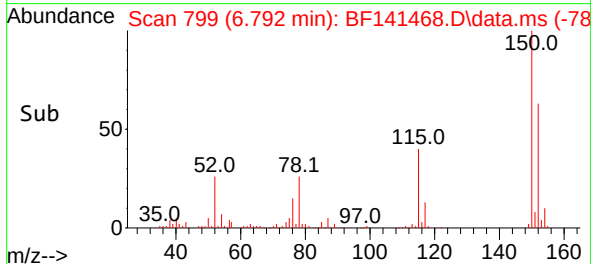
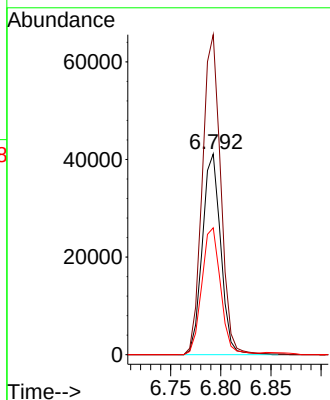
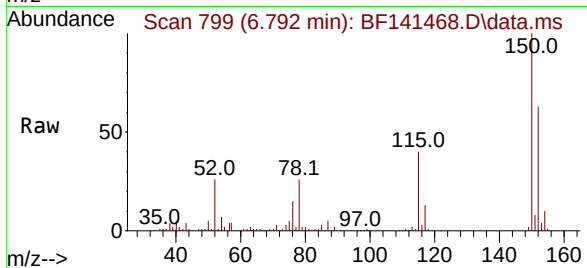




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141468.D
 Acq: 06 Feb 2025 00:33

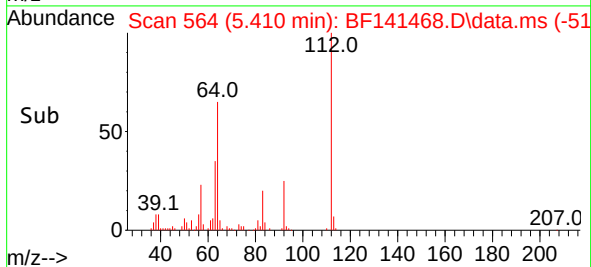
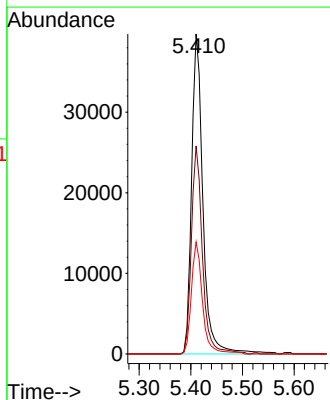
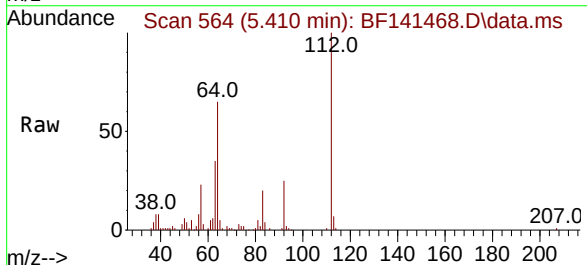
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-020425

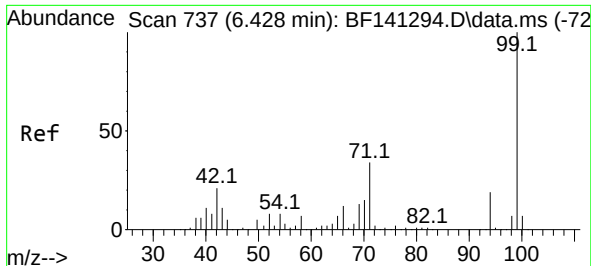
Tgt Ion:152 Resp: 52570
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.9 188.9
 115 63.2 49.7 74.5



#5
 2-Fluorophenol
 Concen: 17.698 ng
 RT: 5.410 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF141468.D
 Acq: 06 Feb 2025 00:33

Tgt Ion:112 Resp: 60605
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.8 74.8
 63 35.0 26.1 39.1

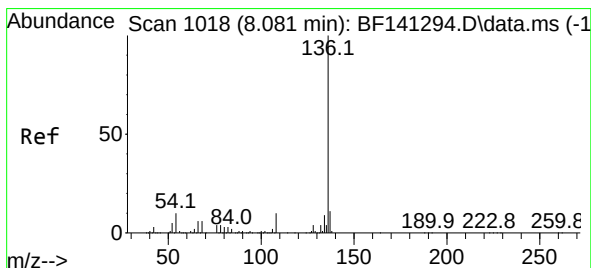
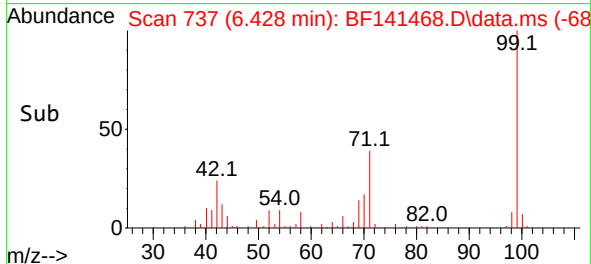
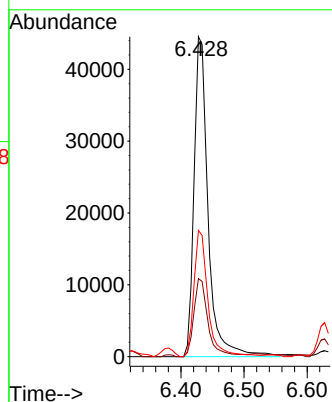
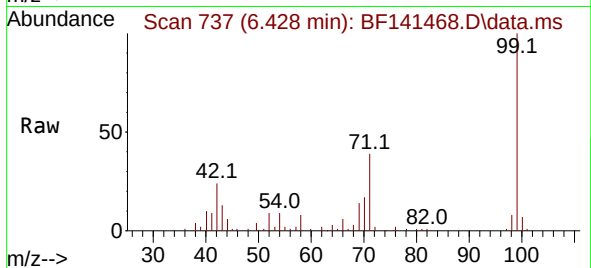




#7
Phenol-d6
Concen: 15.852 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141468.D
Acq: 06 Feb 2025 00:33

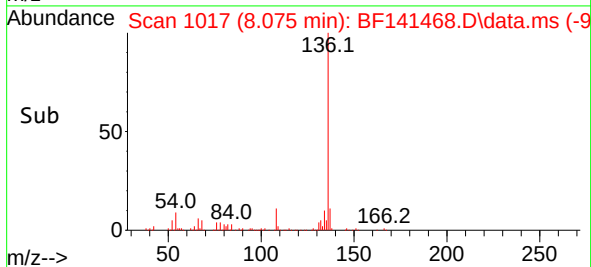
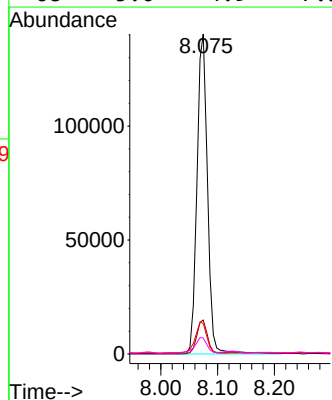
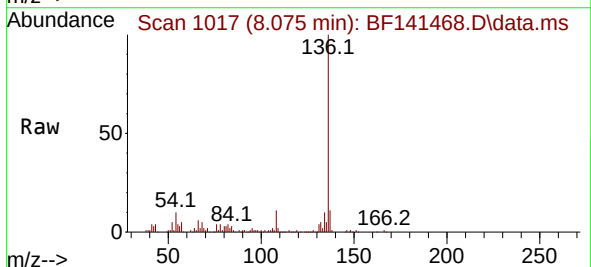
Instrument :
BNA_F
ClientSampleId :
NB-07-020425

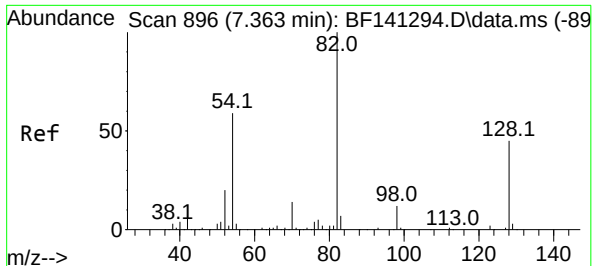
Tgt Ion: 99 Resp: 69053
Ion Ratio Lower Upper
99 100
42 24.4 17.1 25.7
71 39.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141468.D
Acq: 06 Feb 2025 00:33

Tgt Ion: 136 Resp: 181713
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.6 7.8 11.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 12.241 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141468.D

Acq: 06 Feb 2025 00:33

Instrument :

BNA_F

ClientSampleId :

NB-07-020425

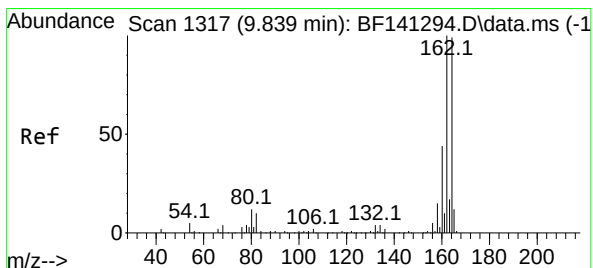
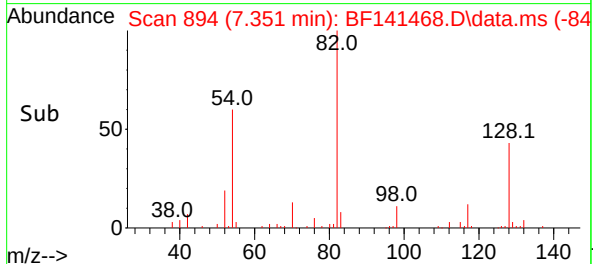
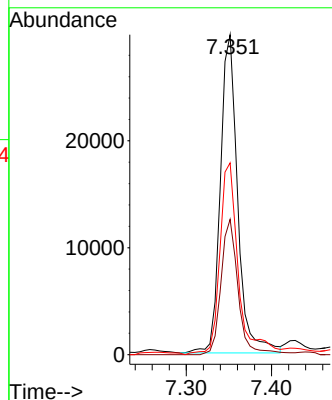
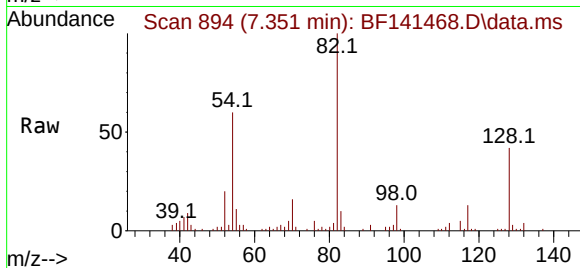
Tgt Ion: 82 Resp: 42196

Ion Ratio Lower Upper

82 100

128 42.3 35.7 53.5

54 60.0 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141468.D

Acq: 06 Feb 2025 00:33

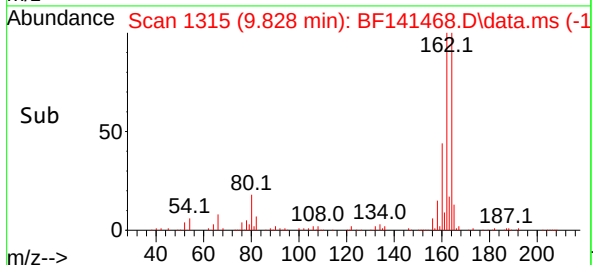
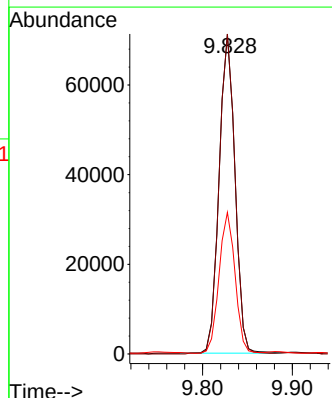
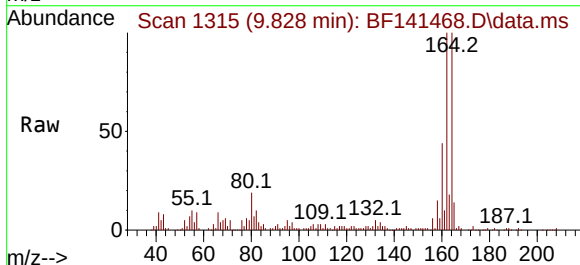
Tgt Ion: 164 Resp: 87497

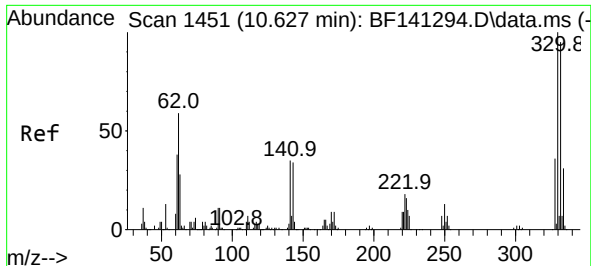
Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 17.462 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141468.D

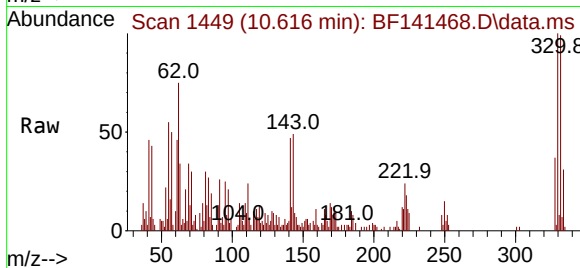
Acq: 06 Feb 2025 00:33

Instrument :

BNA_F

ClientSampleId :

NB-07-020425



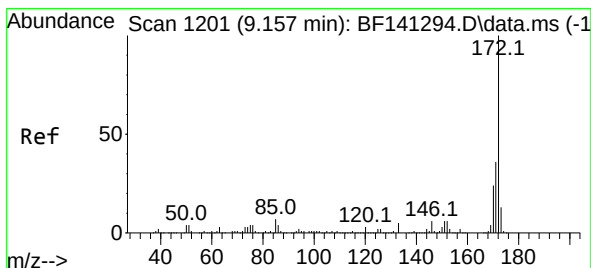
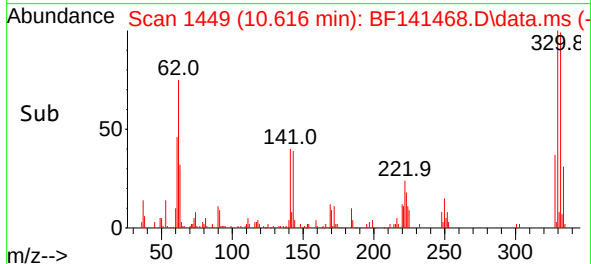
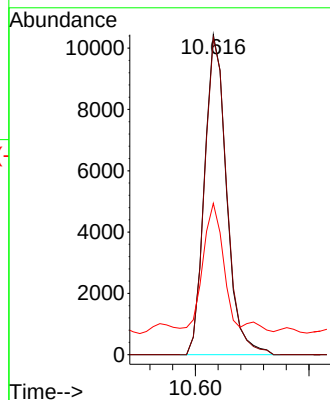
Tgt Ion:330 Resp: 14007

Ion Ratio Lower Upper

330 100

332 99.8 76.1 114.1

141 34.7 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 13.160 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141468.D

Acq: 06 Feb 2025 00:33

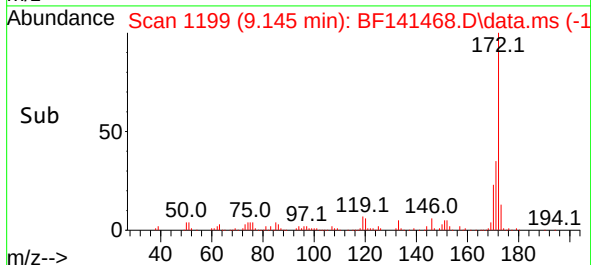
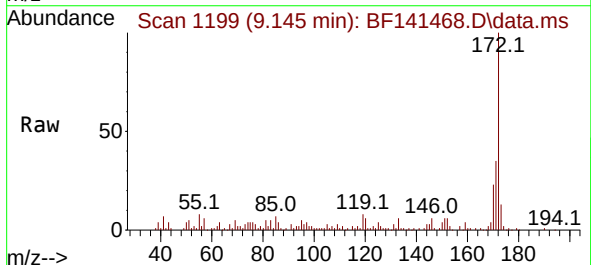
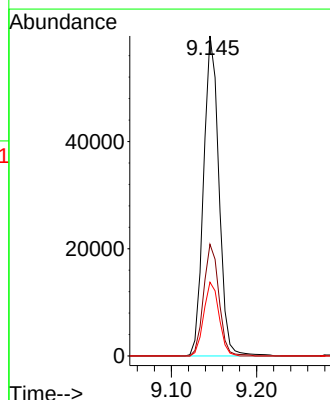
Tgt Ion:172 Resp: 74807

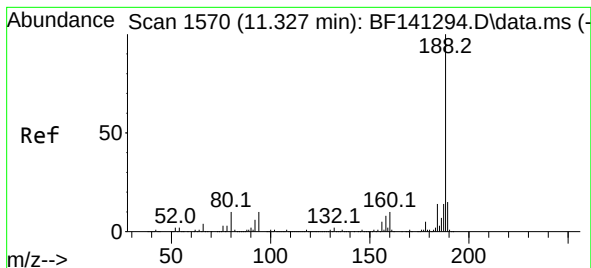
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141468.D

Acq: 06 Feb 2025 00:33

Instrument :

BNA_F

ClientSampleId :

NB-07-020425

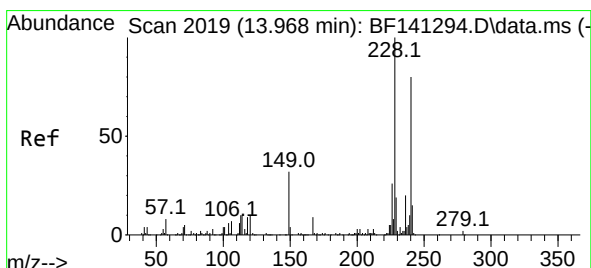
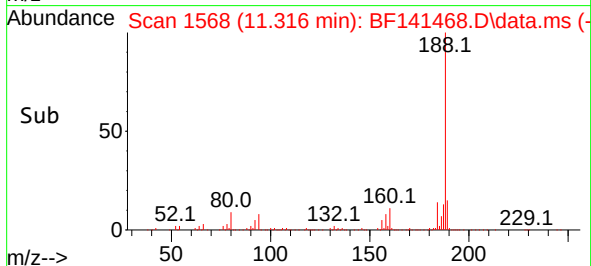
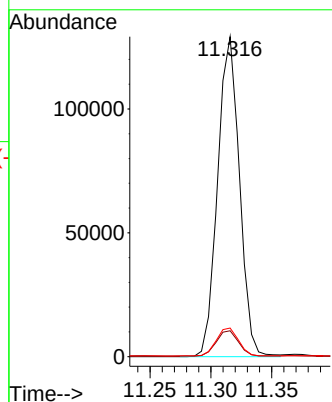
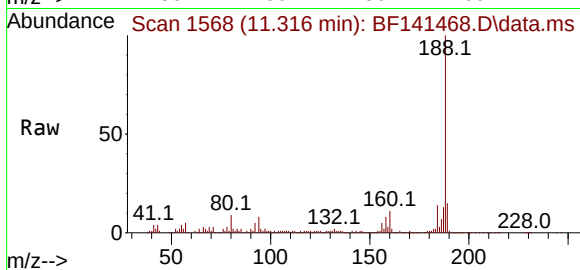
Tgt Ion:188 Resp: 161478

Ion Ratio Lower Upper

188 100

94 8.1 7.8 11.6

80 9.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141468.D

Acq: 06 Feb 2025 00:33

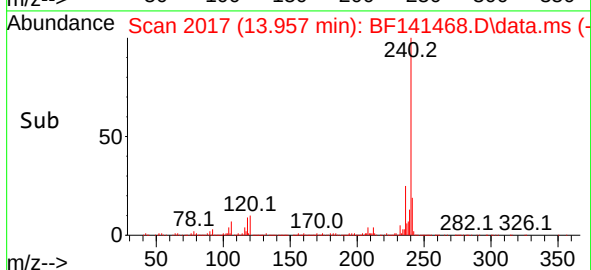
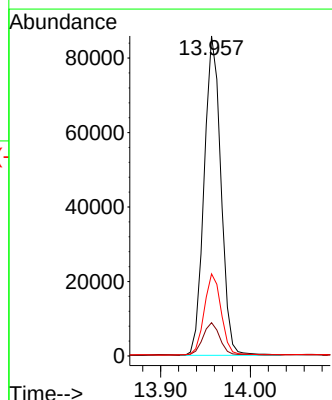
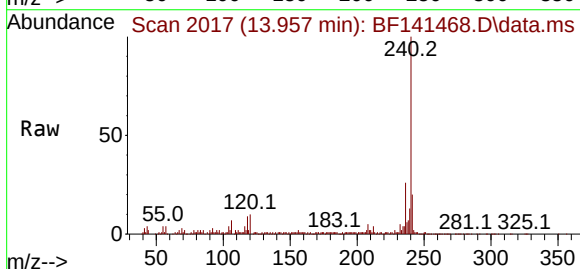
Tgt Ion:240 Resp: 111488

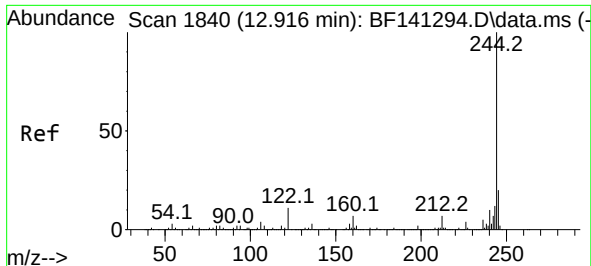
Ion Ratio Lower Upper

240 100

120 10.4 10.0 15.0

236 25.6 19.7 29.5

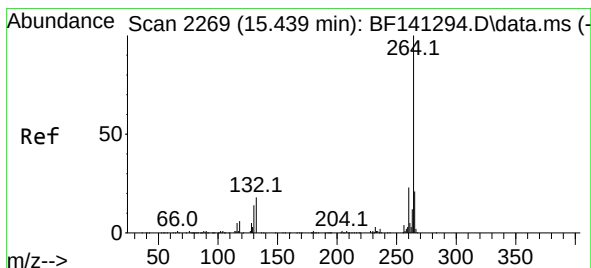
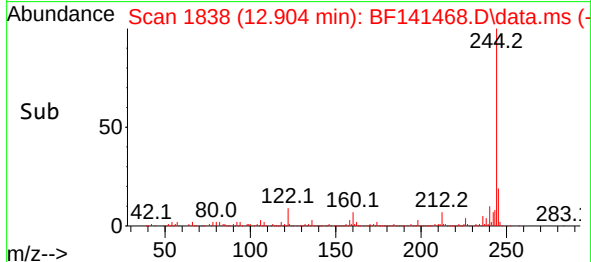
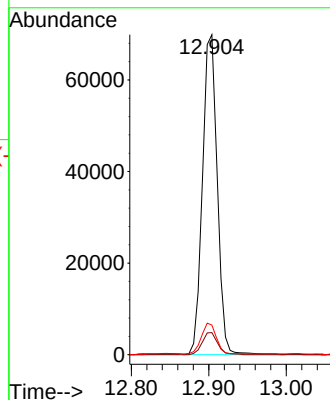
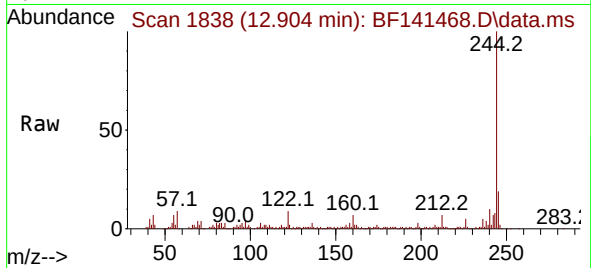




#79
 Terphenyl-d14
 Concen: 12.806 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141468.D
 Acq: 06 Feb 2025 00:33

Instrument :
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Tgt Ion:244 Resp: 92574
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141468.D
 Acq: 06 Feb 2025 00:33

Tgt Ion:264 Resp: 85256
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 23.0 16.7 25.1

