

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141383.D
 Acq On : 03 Feb 2025 21:44
 Operator : RC/JU
 Sample : Q1232-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-42.2-012925

Quant Time: Feb 04 00:19:54 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	6.793	152	84155	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	336578	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	187844	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	310260	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	217689	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	158450	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	751417	137.078	ng	0.02
7) Phenol-d6	6.440	99	911438	130.702	ng	0.00
23) Nitrobenzene-d5	7.357	82	666335	104.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	281541	163.487	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1211342	99.257	ng	-0.01
79) Terphenyl-d14	12.910	244	1364802	96.687	ng	0.00

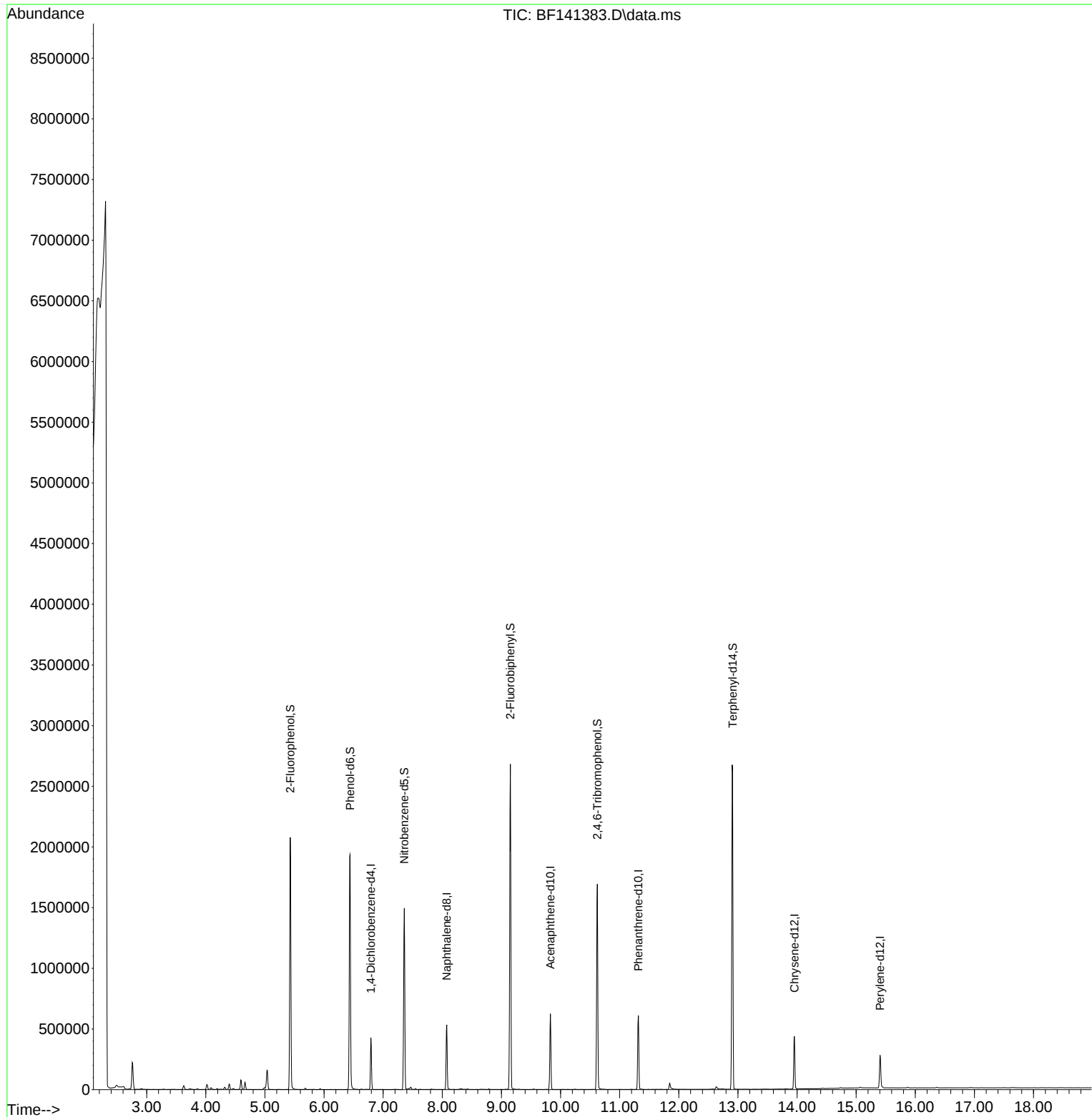
Target Compounds	Qvalue

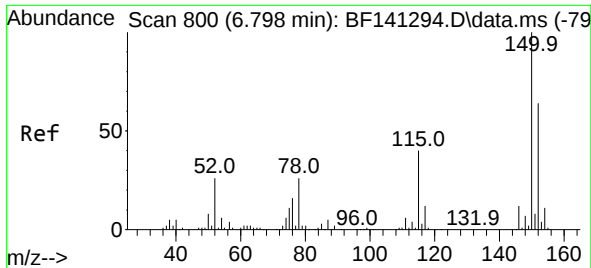
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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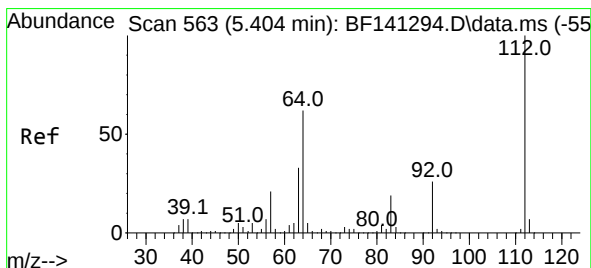
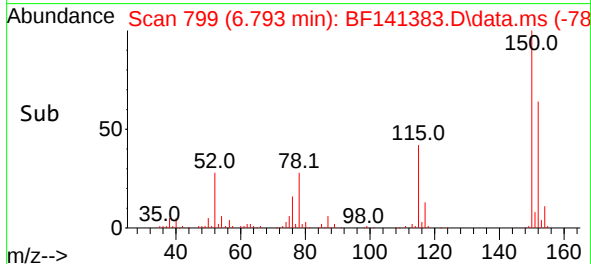
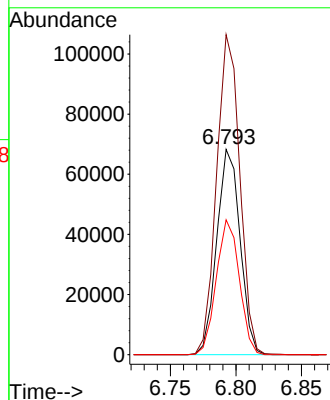
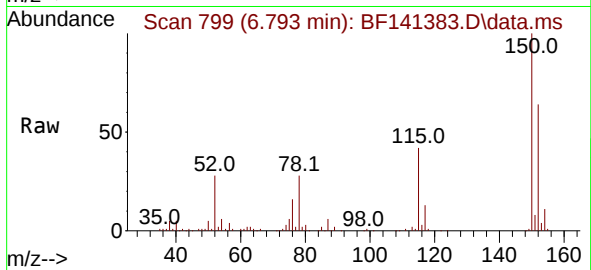




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141383.D
Acq: 03 Feb 2025 21:44

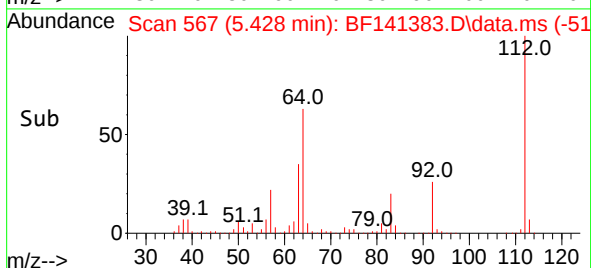
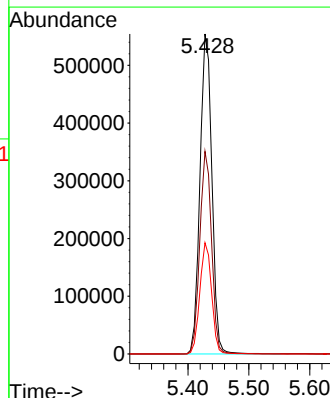
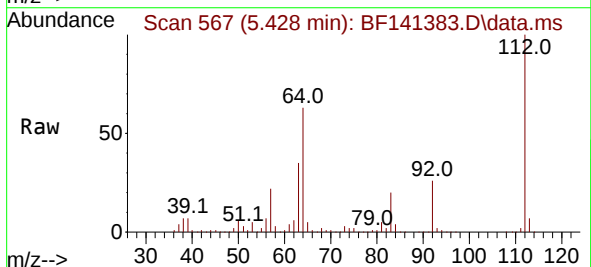
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

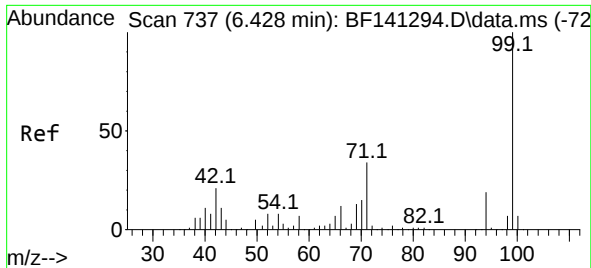
Tgt Ion:152 Resp: 84155
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 65.7 49.7 74.5



#5
2-Fluorophenol
Concen: 137.078 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141383.D
Acq: 03 Feb 2025 21:44

Tgt Ion:112 Resp: 751417
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 34.7 26.1 39.1

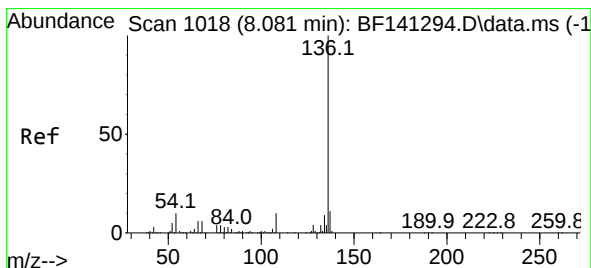
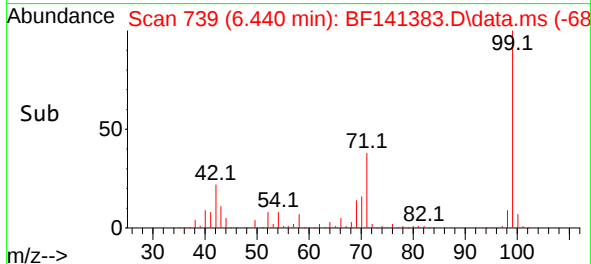
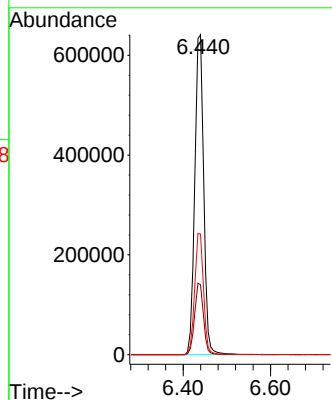
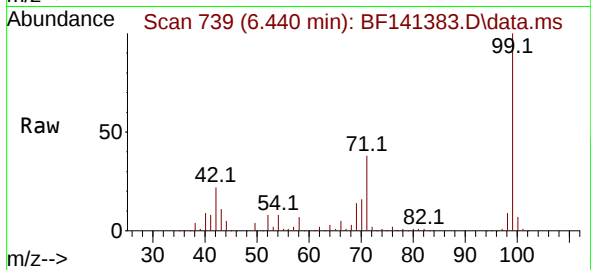




#7
Phenol-d6
Concen: 130.702 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141383.D
Acq: 03 Feb 2025 21:44

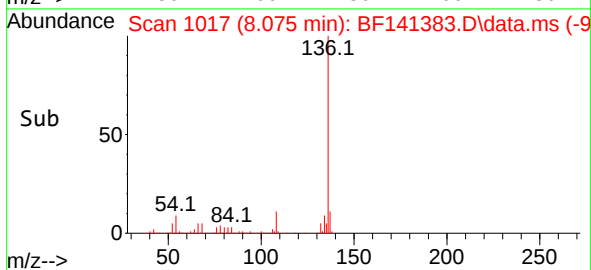
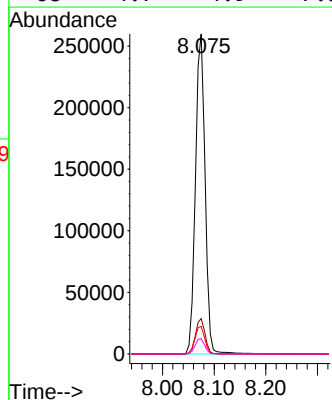
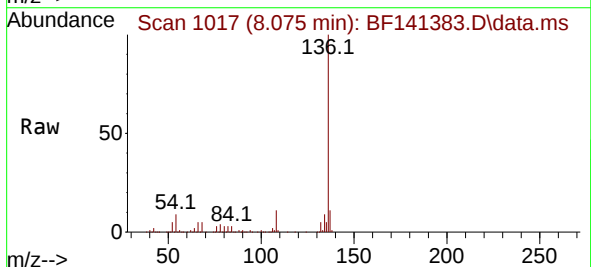
Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

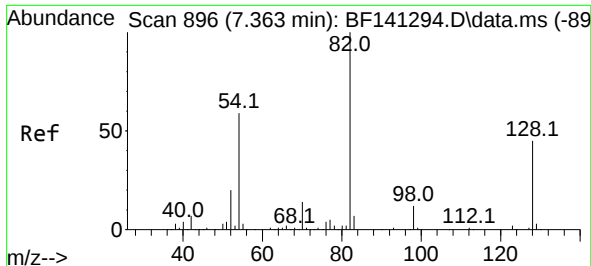
Tgt Ion: 99 Resp: 911438
Ion Ratio Lower Upper
99 100
42 21.9 17.1 25.7
71 37.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141383.D
Acq: 03 Feb 2025 21:44

Tgt Ion: 136 Resp: 336578
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 7.8 11.8
68 4.7 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 104.365 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141383.D

Acq: 03 Feb 2025 21:44

Instrument :

BNA_F

ClientSampleId :

JPP-42.2-012925

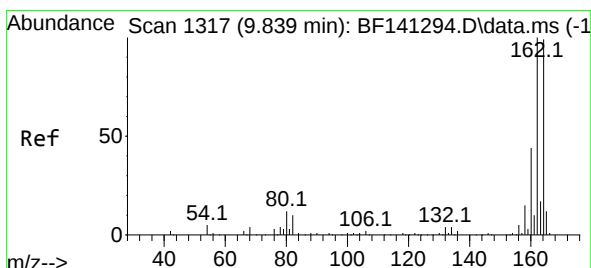
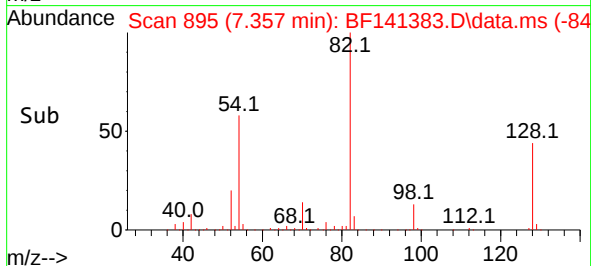
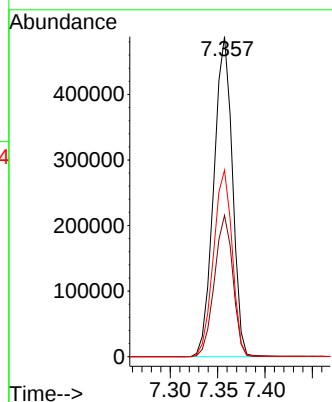
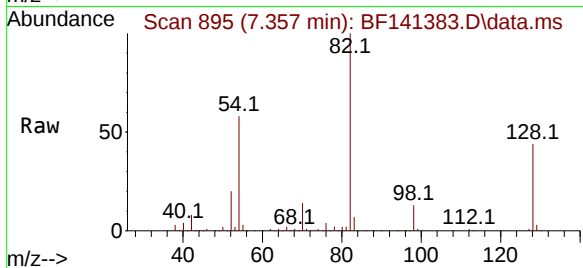
Tgt Ion: 82 Resp: 666335

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 58.3 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: BF141383.D

Acq: 03 Feb 2025 21:44

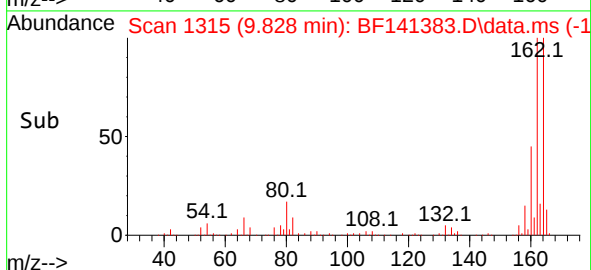
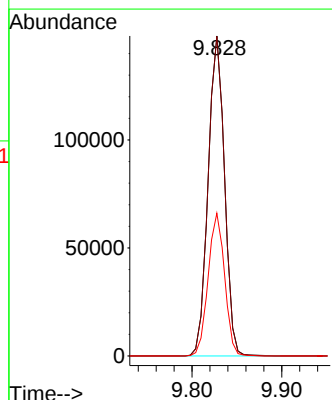
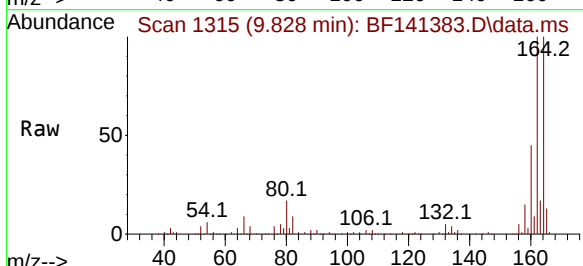
Tgt Ion:164 Resp: 187844

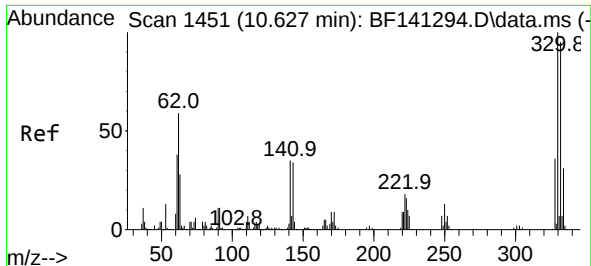
Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 163.487 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141383.D

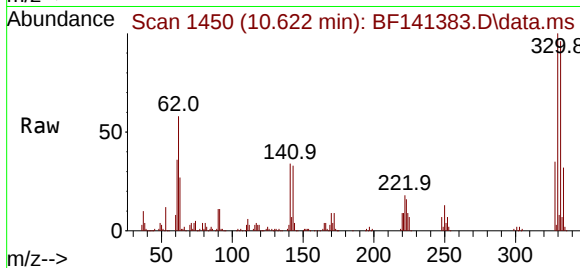
Acq: 03 Feb 2025 21:44

Instrument :

BNA_F

ClientSampleId :

JPP-42.2-012925



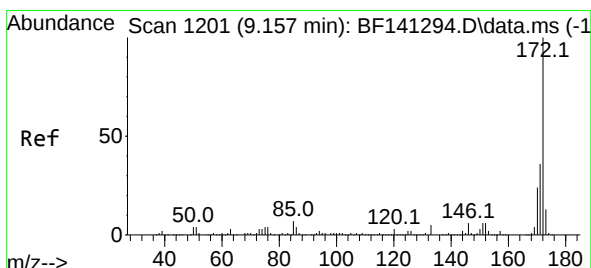
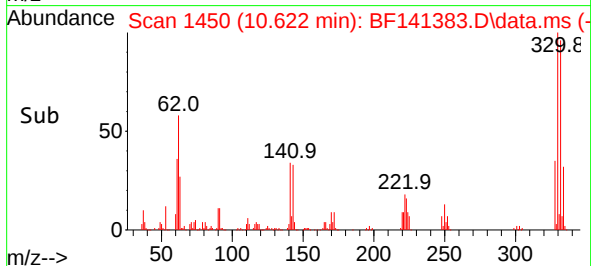
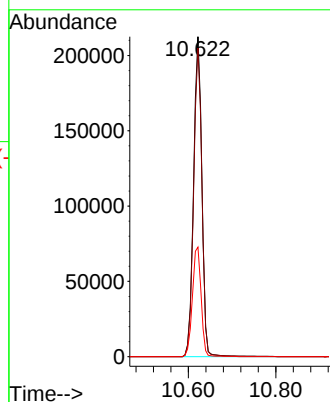
Tgt Ion:330 Resp: 281541

Ion Ratio Lower Upper

330 100

332 96.1 76.1 114.1

141 35.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 99.257 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141383.D

Acq: 03 Feb 2025 21:44

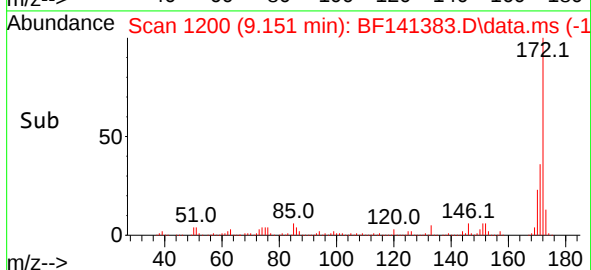
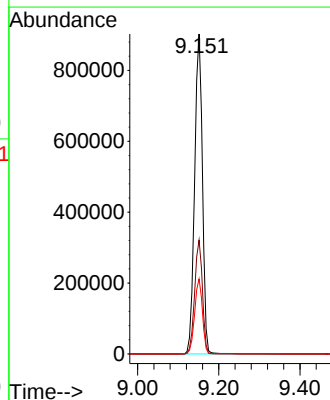
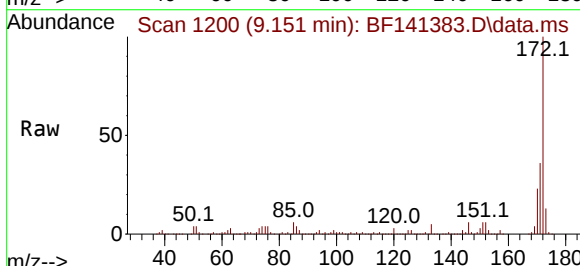
Tgt Ion:172 Resp: 1211342

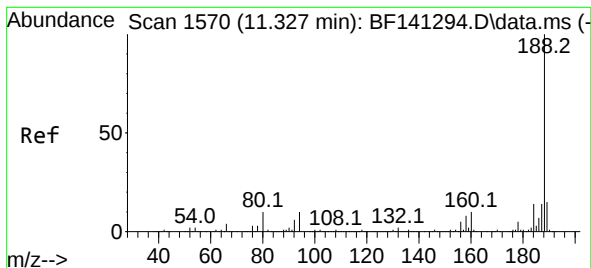
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 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: BF141383.D

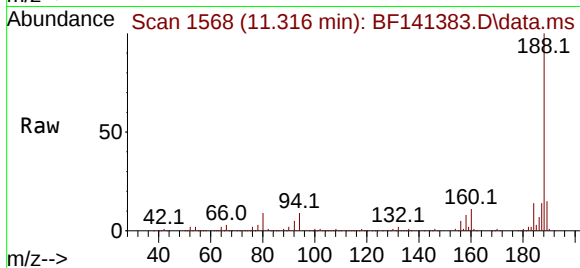
Acq: 03 Feb 2025 21:44

Instrument :

BNA_F

ClientSampleId :

JPP-42.2-012925



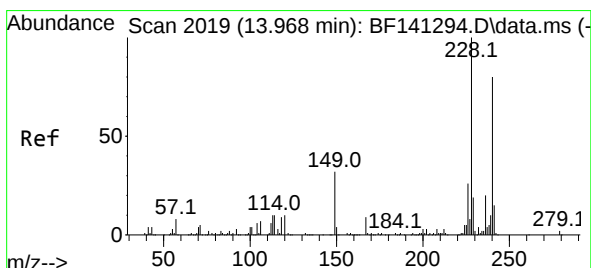
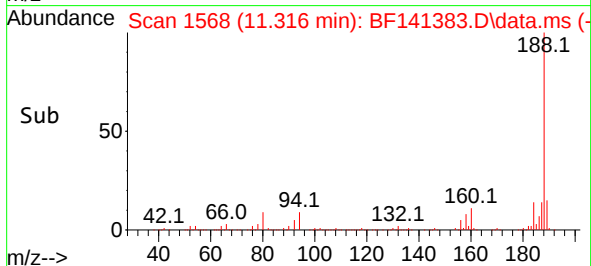
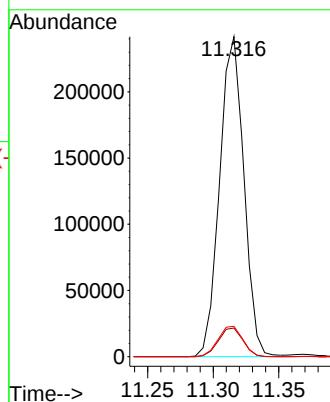
Tgt Ion:188 Resp: 310260

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.5 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: BF141383.D

Acq: 03 Feb 2025 21:44

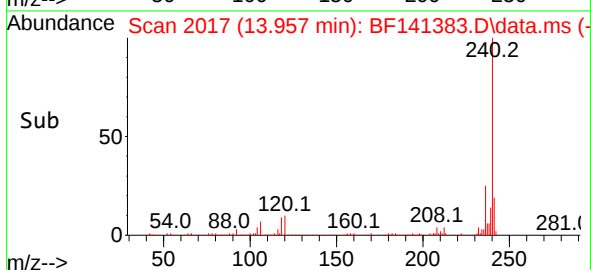
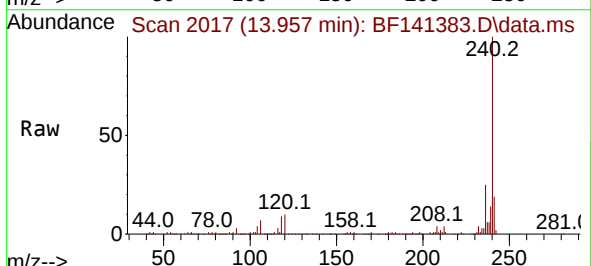
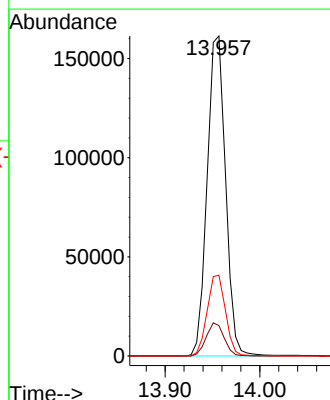
Tgt Ion:240 Resp: 217689

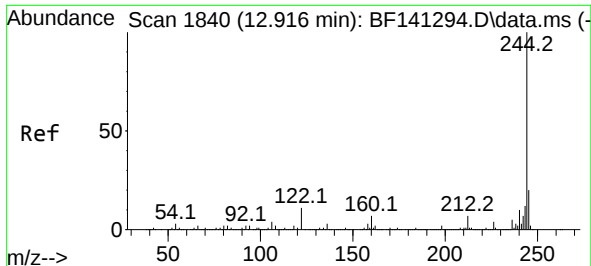
Ion Ratio Lower Upper

240 100

120 9.5 10.0 15.0#

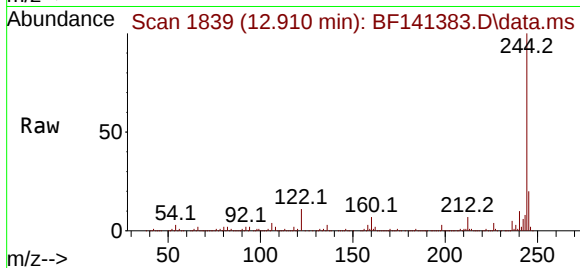
236 25.3 19.7 29.5



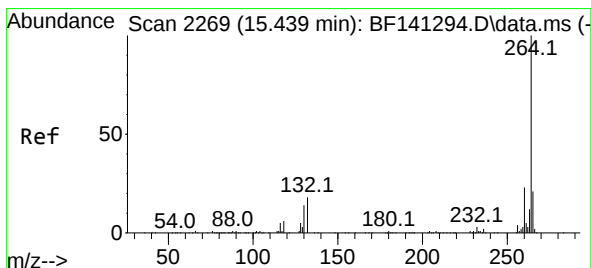
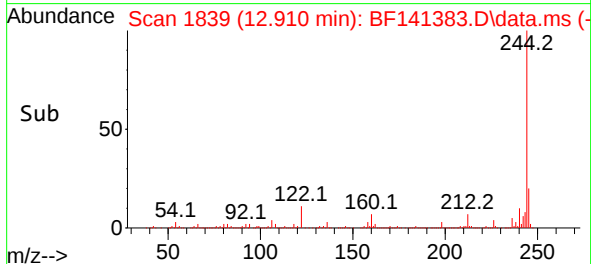
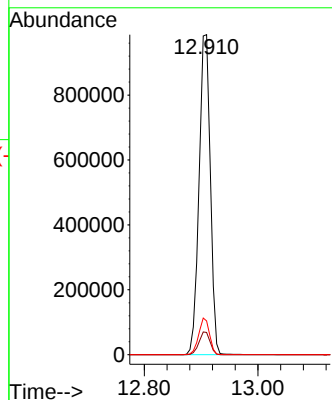


#79
Terphenyl-d14
Concen: 96.687 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141383.D
Acq: 03 Feb 2025 21:44

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BNA_F
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JPP-42.2-012925



Tgt Ion:244 Resp: 1364802
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.6 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.035 min
Lab File: BF141383.D
Acq: 03 Feb 2025 21:44

Tgt Ion:264 Resp: 158450
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.0 16.7 25.1

