

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141415.D
 Acq On : 04 Feb 2025 18:15
 Operator : RC/JU
 Sample : Q1241-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025

Quant Time: Feb 05 00:32:40 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)

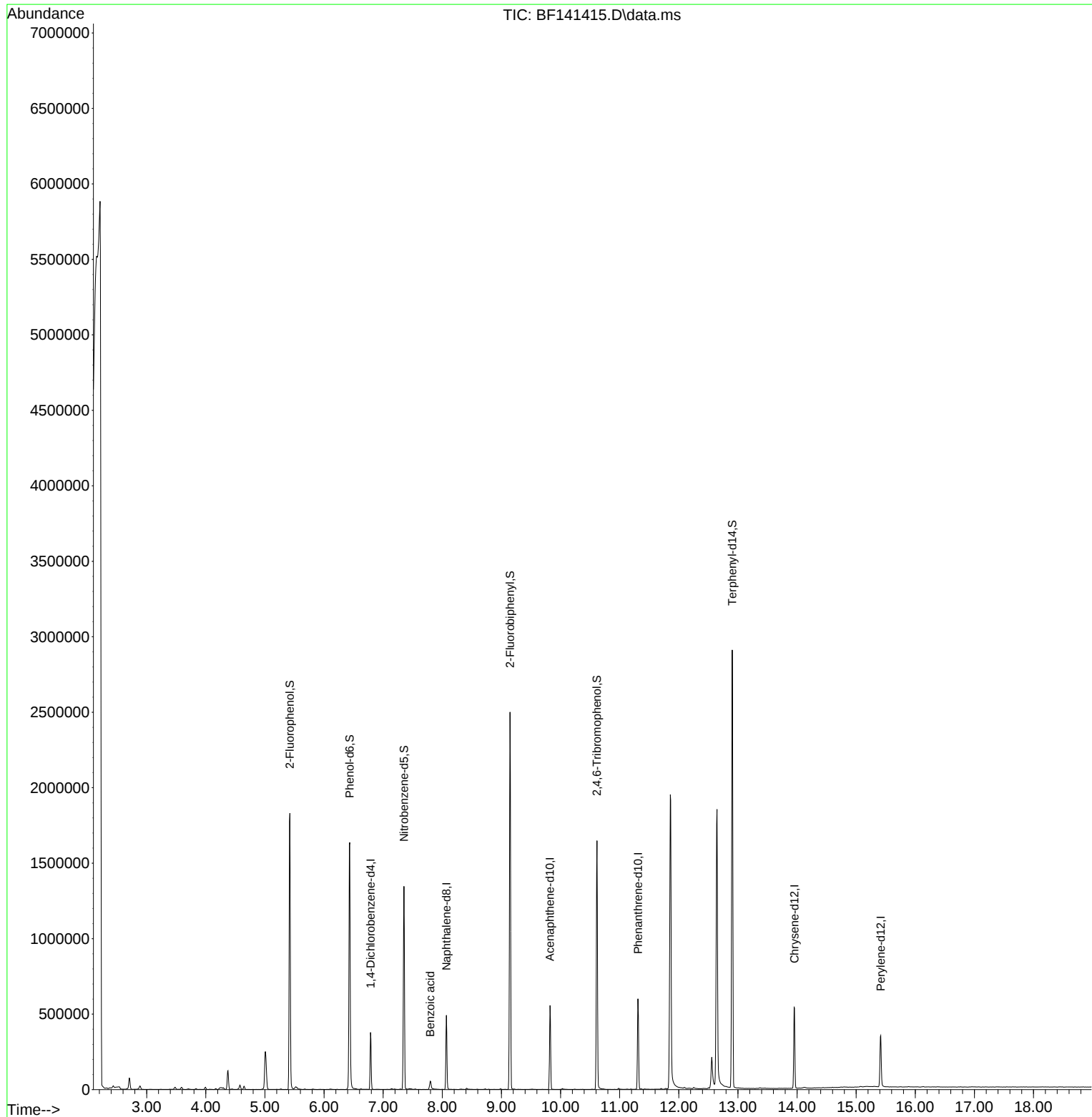
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	73941	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	297316	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	163635	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	296531	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	268605	20.000	ng	#-0.02
86) Perylene-d12	15.416	264	202288	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	675810	140.315	ng	0.01
7) Phenol-d6	6.434	99	774695	126.439	ng	0.00
23) Nitrobenzene-d5	7.351	82	582060	103.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	267359	178.221	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1094420	102.944	ng	-0.02
79) Terphenyl-d14	12.904	244	1448018	83.137	ng	-0.01
Target Compounds						
32) Benzoic acid	7.798	122	19779	6.132	ng	Qvalue 99

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

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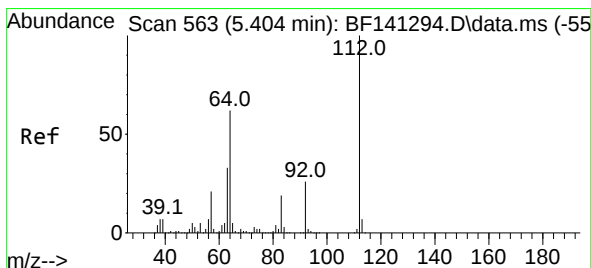
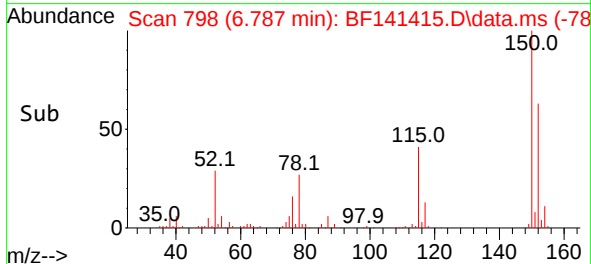
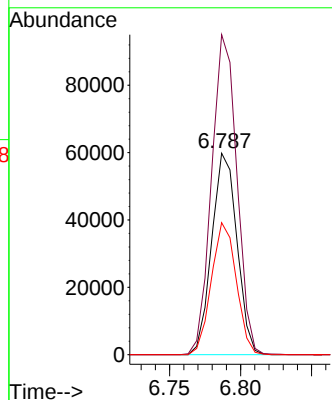
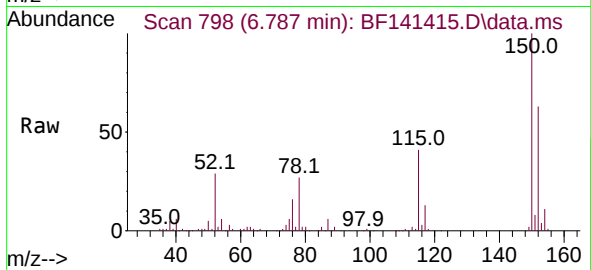




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF141415.D
 Acq: 04 Feb 2025 18:15

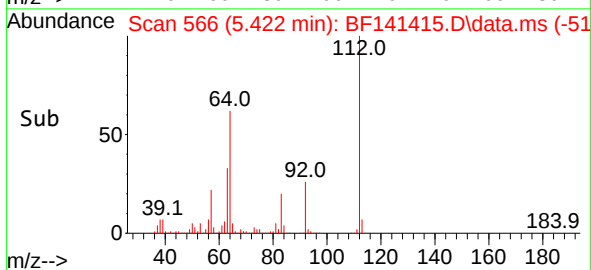
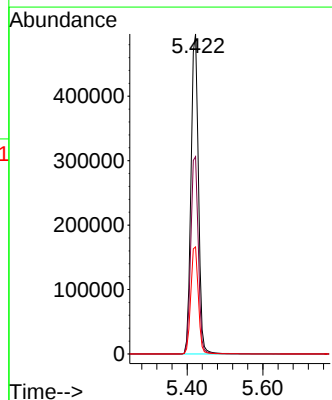
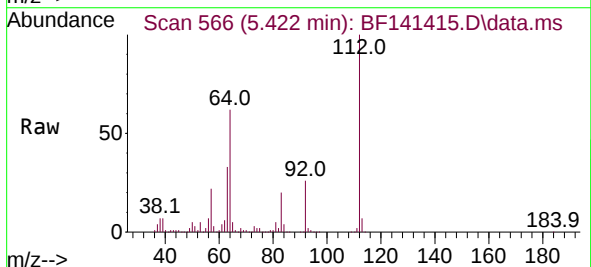
Instrument :
 BNA_F
 ClientSampleId :
 JPP-5.3-013025

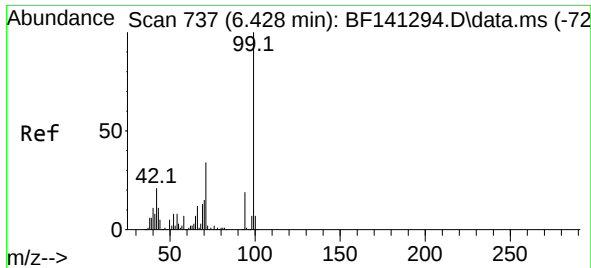
Tgt Ion:152 Resp: 73941
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.9 188.9
 115 65.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 140.315 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141415.D
 Acq: 04 Feb 2025 18:15

Tgt Ion:112 Resp: 675810
 Ion Ratio Lower Upper
 112 100
 64 61.6 49.8 74.8
 63 33.5 26.1 39.1

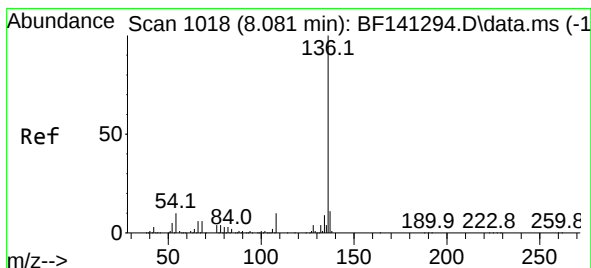
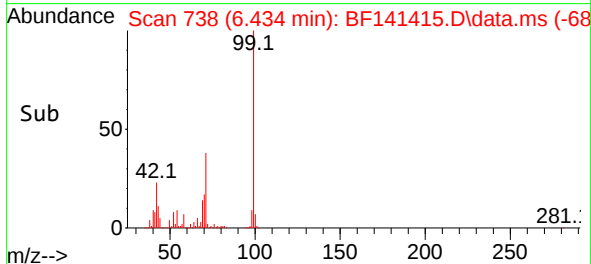
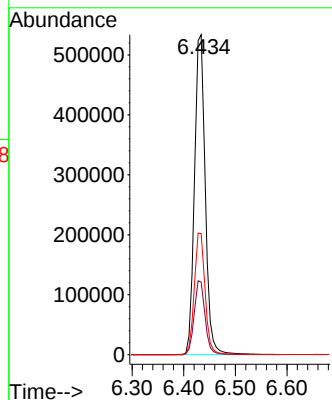
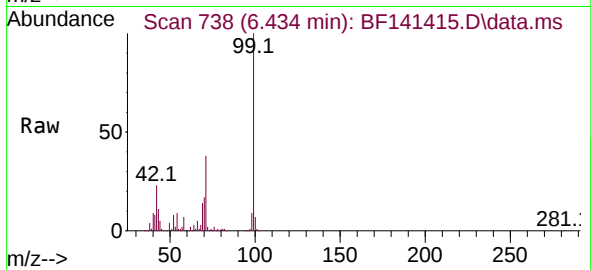




#7
Phenol-d6
Concen: 126.439 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

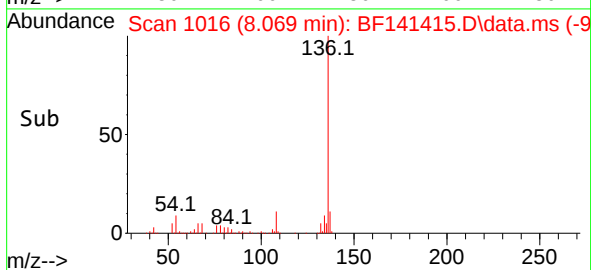
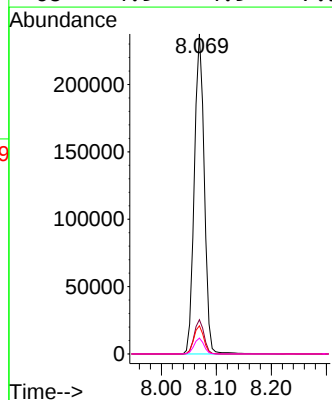
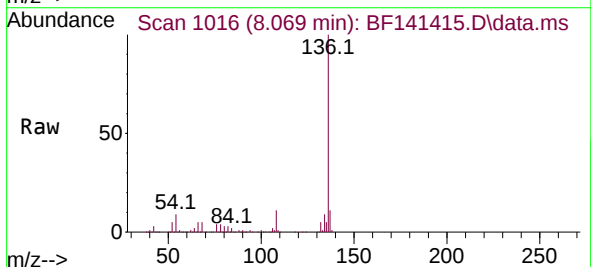
Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

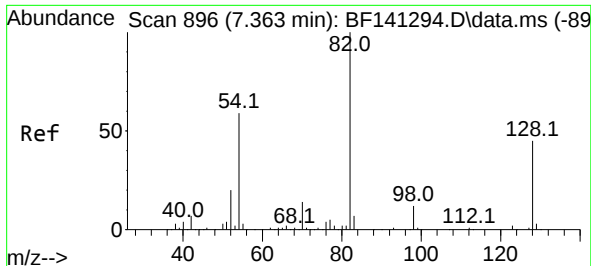
Tgt Ion: 99 Resp: 774695
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion: 136 Resp: 297316
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 7.8 11.8
68 4.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 103.204 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025

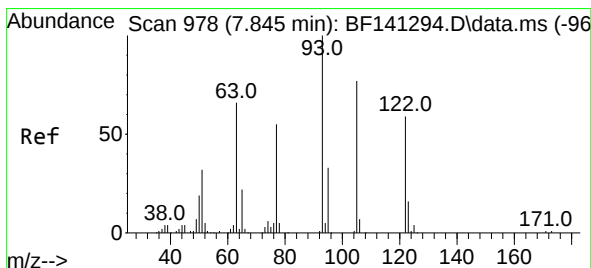
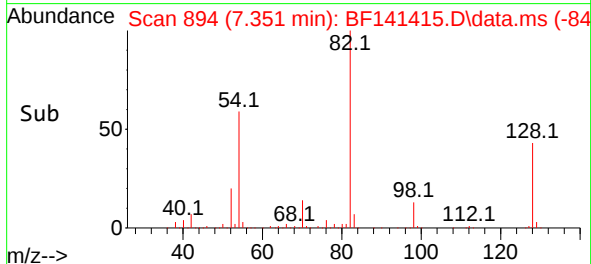
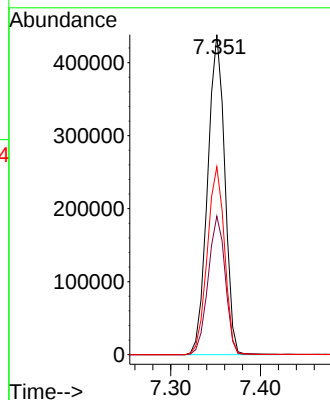
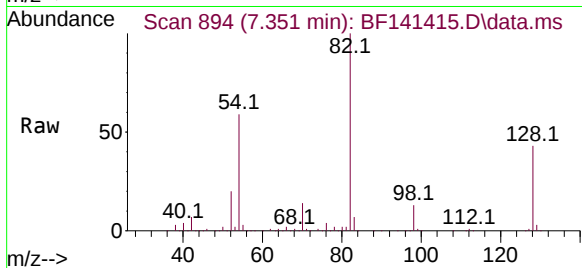
Tgt Ion: 82 Resp: 582060

Ion Ratio Lower Upper

82 100

128 43.3 35.7 53.5

54 58.8 47.1 70.7



#32

Benzoic acid

Concen: 6.132 ng

RT: 7.798 min Scan# 970

Delta R.T. -0.082 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

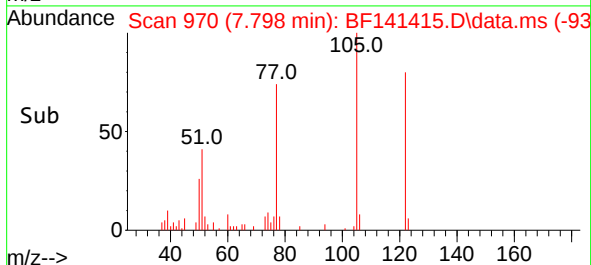
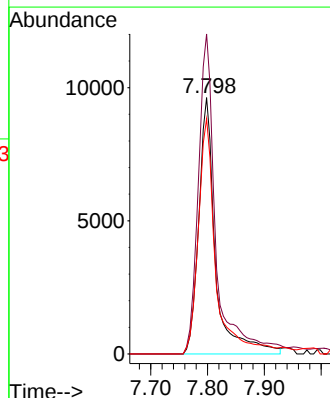
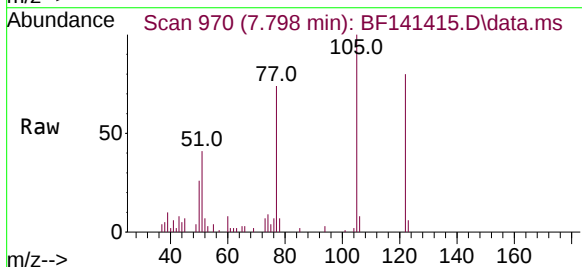
Tgt Ion:122 Resp: 19779

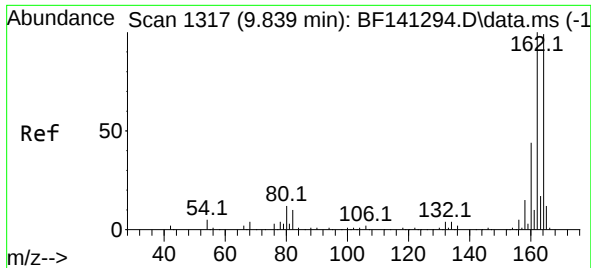
Ion Ratio Lower Upper

122 100

105 124.8 103.4 143.4

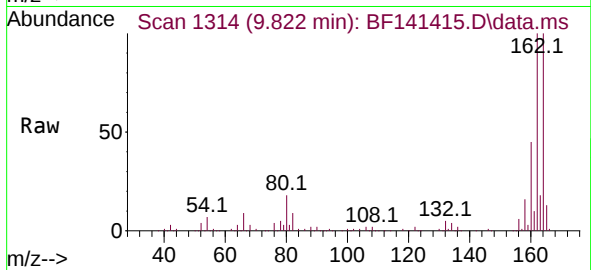
77 91.8 70.9 110.9



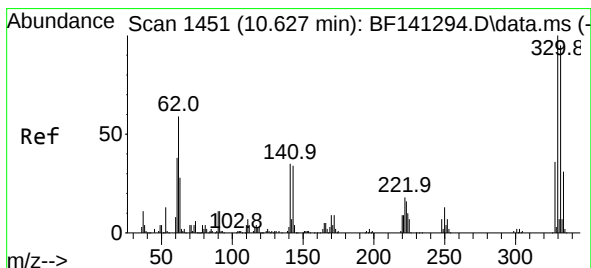
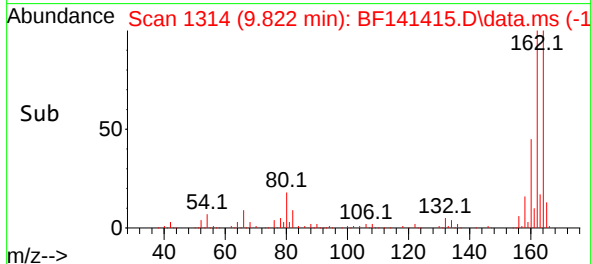
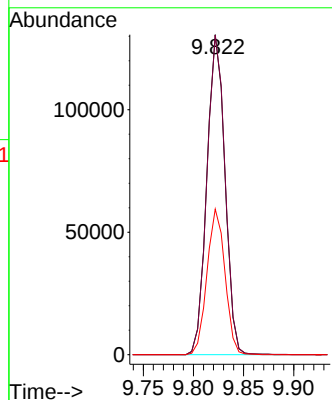


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

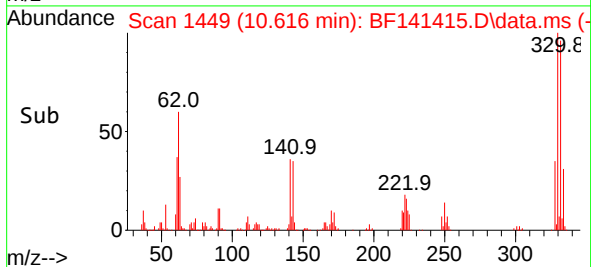
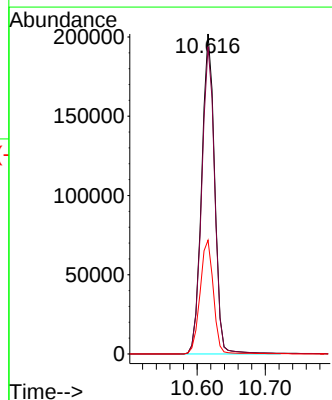
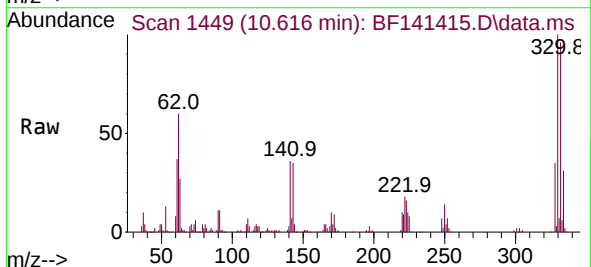


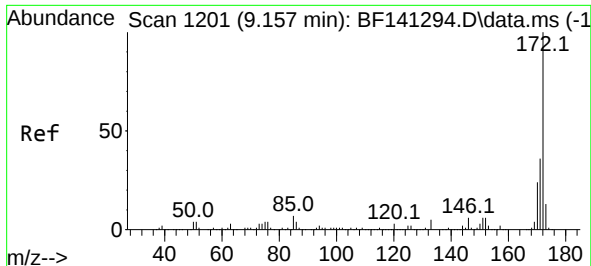
Tgt Ion:164 Resp: 163635
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 45.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 178.221 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Tgt Ion:330 Resp: 267359
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 36.6 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 102.944 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025

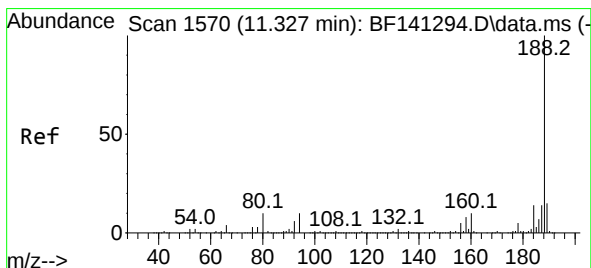
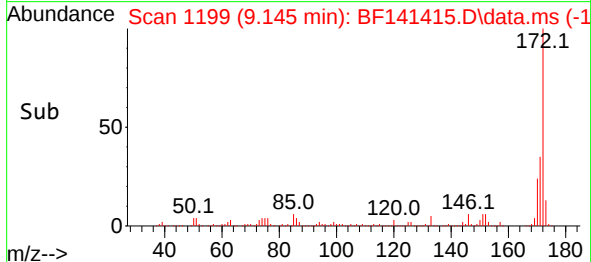
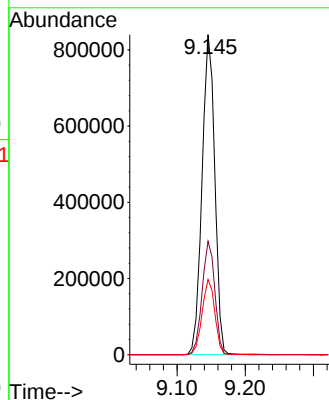
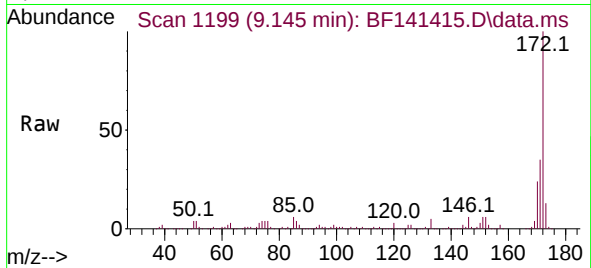
Tgt Ion:172 Resp: 1094420

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

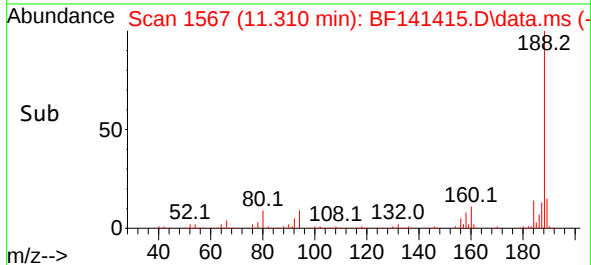
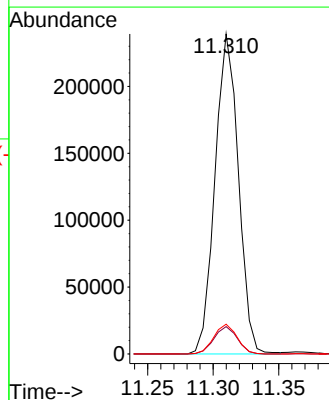
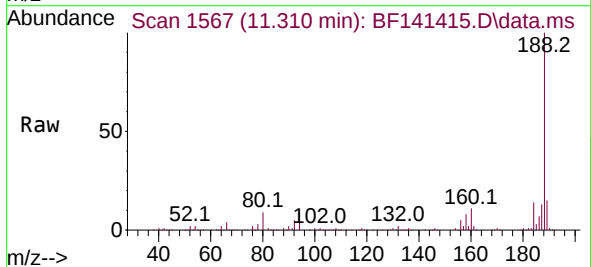
Tgt Ion:188 Resp: 296531

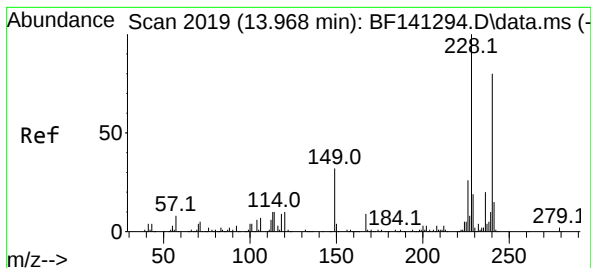
Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 9.3 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA_F

ClientSampleId :

JPP-5.3-013025

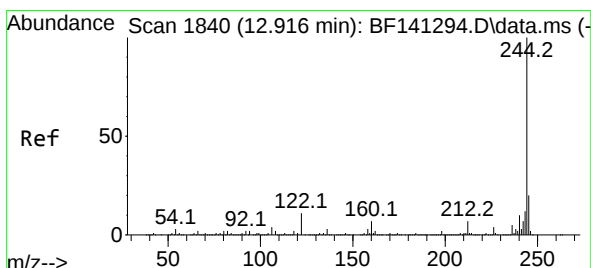
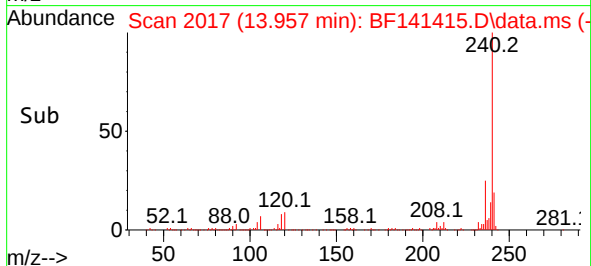
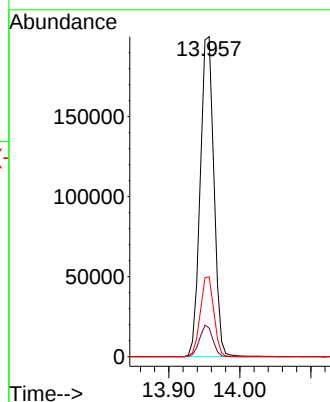
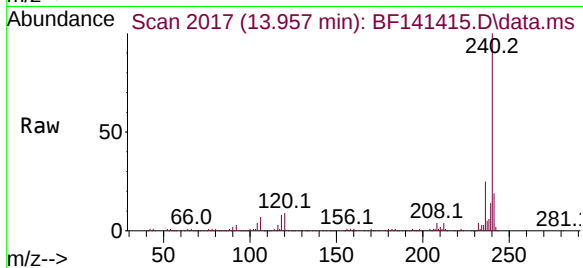
Tgt Ion:240 Resp: 268605

Ion Ratio Lower Upper

240 100

120 9.0 10.0 15.0#

236 24.9 19.7 29.5



#79

Terphenyl-d14

Concen: 83.137 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

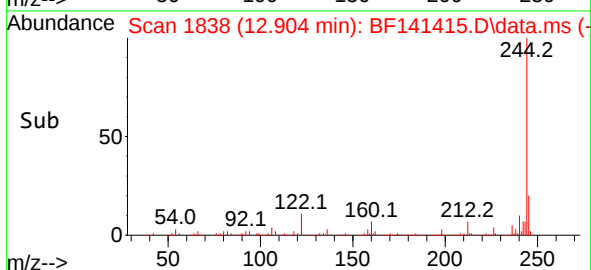
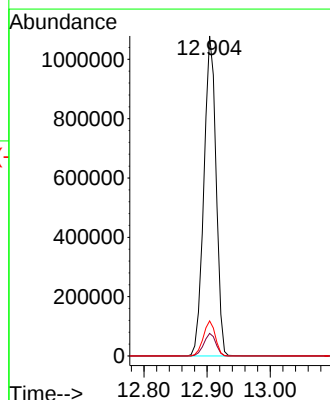
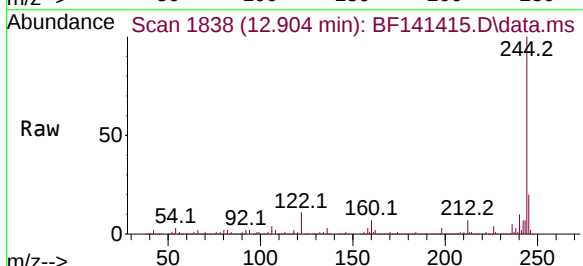
Tgt Ion:244 Resp: 1448018

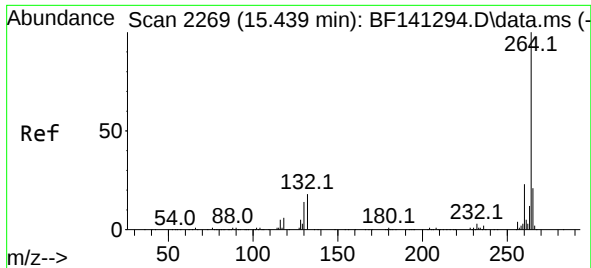
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

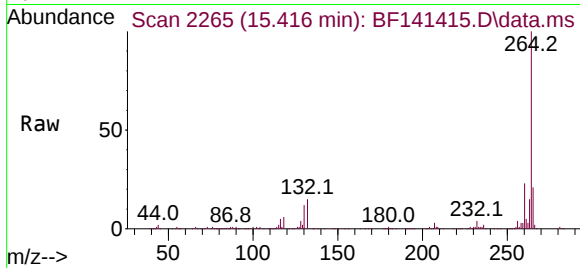
122 10.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141415.D
Acq: 04 Feb 2025 18:15

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 202288

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.3	16.7	25.1

