

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141356.D
 Acq On : 01 Feb 2025 02:17
 Operator : RC/JU
 Sample : Q1243-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-01302025

Quant Time: Feb 01 03:02:07 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)

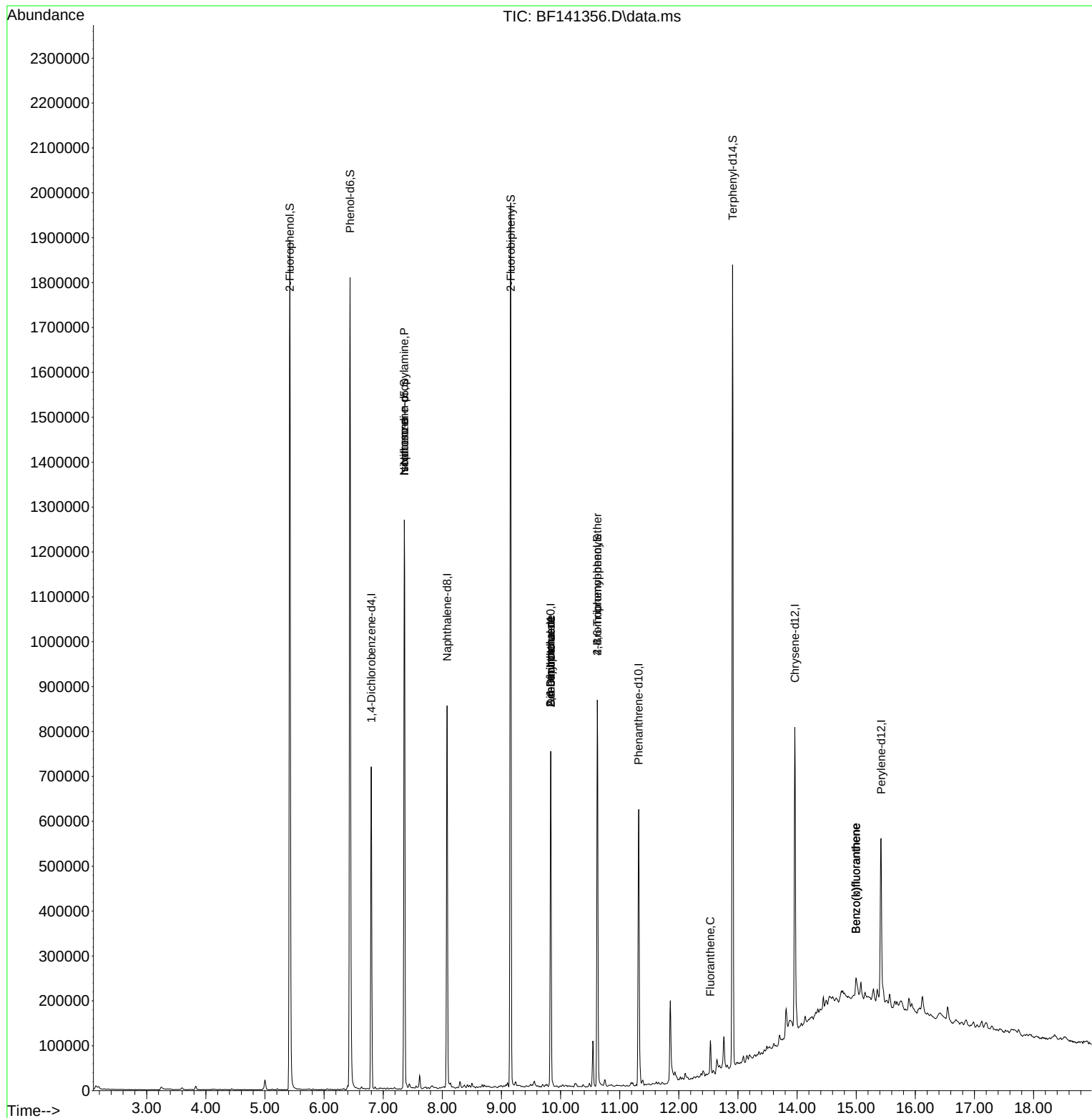
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	140912	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	515881	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	212454	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	306429	20.000	ng	0.00
76) Chrysene-d12	13.963	240	307669	20.000	ng	-0.01
86) Perylene-d12	15.421	264	216484	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	727027	79.208	ng	0.01
7) Phenol-d6	6.440	99	864728	74.057	ng	0.00
23) Nitrobenzene-d5	7.357	82	540051	55.186	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	133754	68.672	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	870295	63.051	ng	0.00
79) Terphenyl-d14	12.910	244	863362	43.276	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	72084	10.389	ng	# 75
25) Isophorone	7.357	82	532706	31.491	ng	# 65
50) Dimethylphthalate	9.833	163	31918	2.224	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	27580	8.278	ng	# 23
57) 2,4-Dinitrotoluene	9.833	165	27580	6.394	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	9046	2.637	ng	# 1
75) Fluoranthene	12.533	202	42365	2.605	ng	99
88) Benzo(b)fluoranthene	14.998	252	28439	2.088	ng	# 79
89) Benzo(k)fluoranthene	14.998	252	28439	2.357	ng	# 80

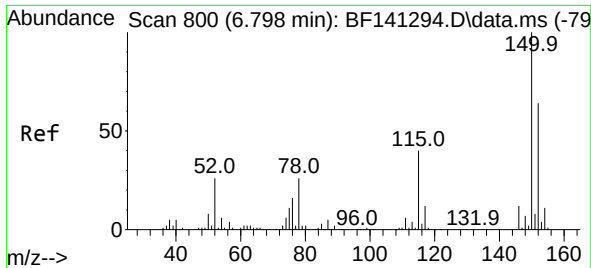
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Quant Time: Feb 01 03:02:07 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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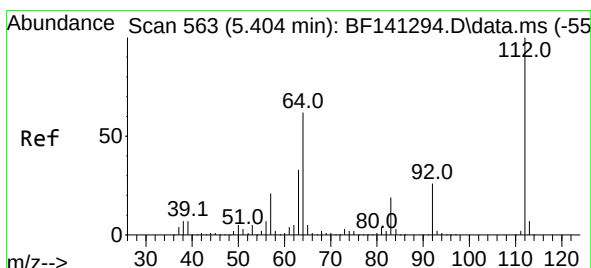
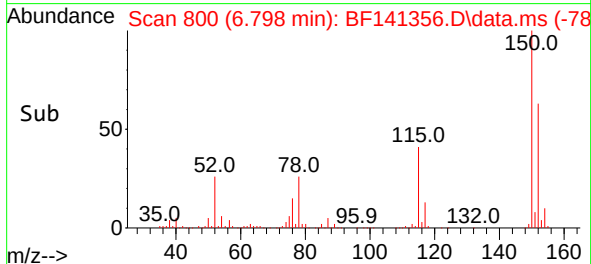
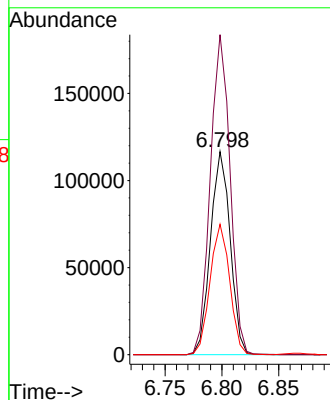
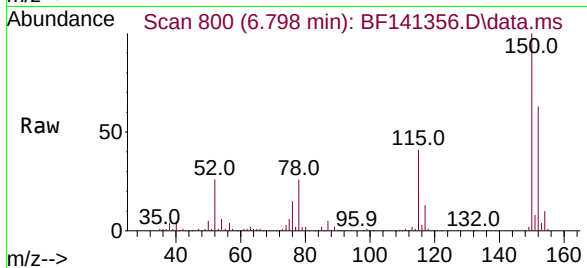




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

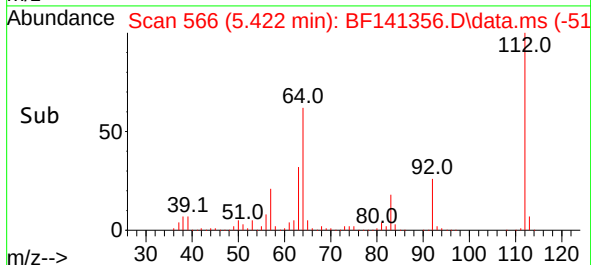
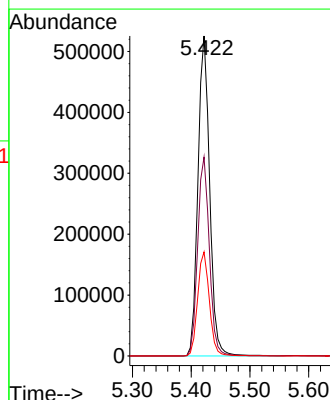
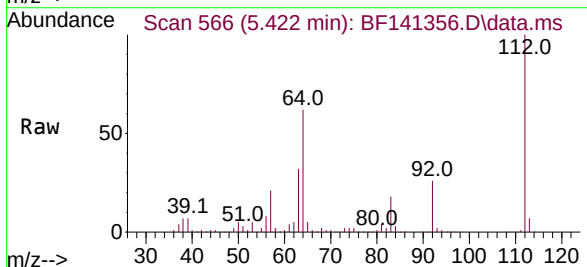
Instrument :
BNA_F
ClientSampleId :
CL-01-01302025

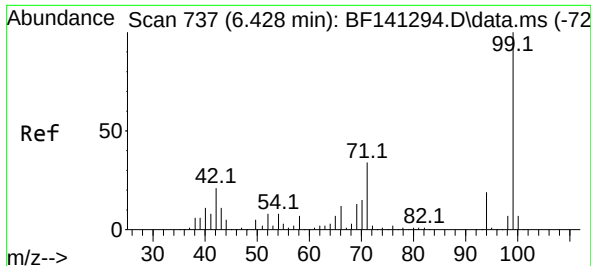
Tgt Ion:152 Resp: 140912
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 64.3 49.7 74.5



#5
2-Fluorophenol
Concen: 79.208 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion:112 Resp: 727027
Ion Ratio Lower Upper
112 100
64 62.1 49.8 74.8
63 32.5 26.1 39.1

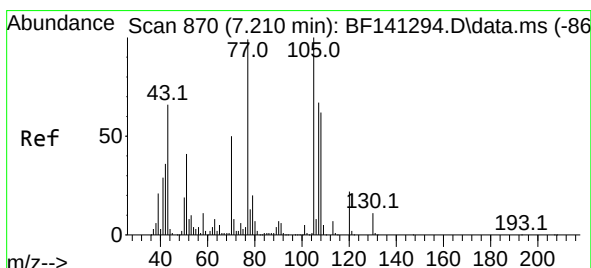
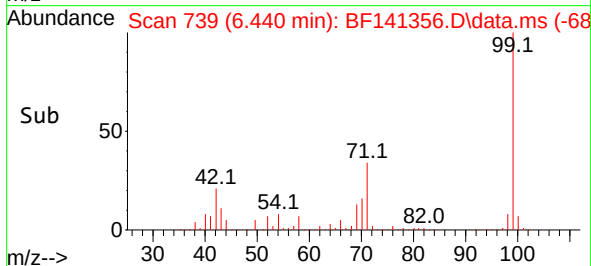
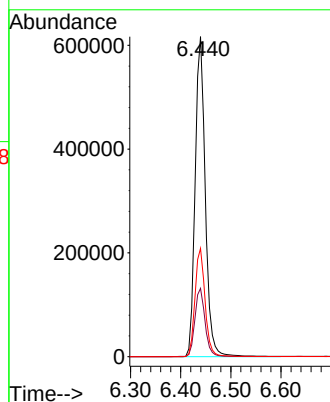
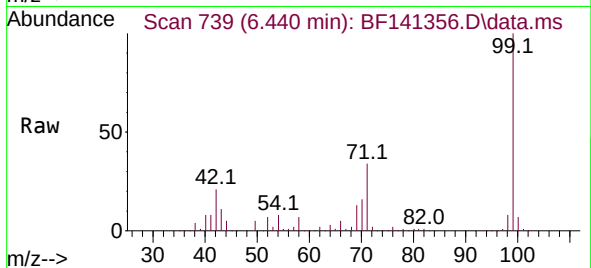




#7
Phenol-d6
Concen: 74.057 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

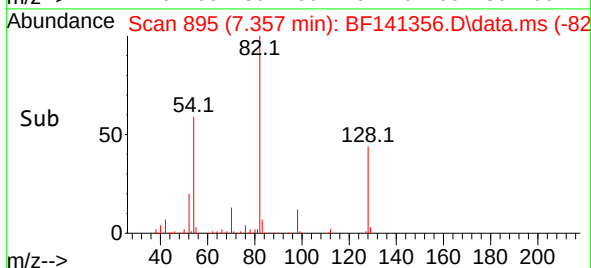
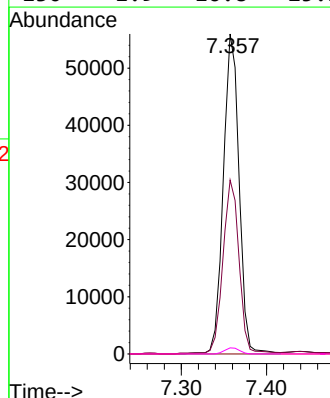
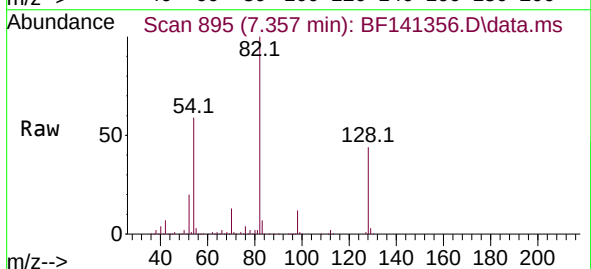
Instrument :
BNA_F
ClientSampleId :
CL-01-01302025

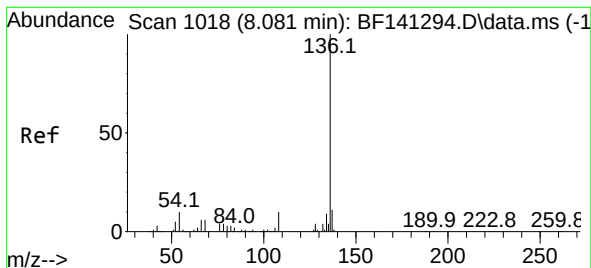
Tgt Ion: 99 Resp: 864728
Ion Ratio Lower Upper
99 100
42 21.4 17.1 25.7
71 33.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.389 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion: 70 Resp: 72084
Ion Ratio Lower Upper
70 100
42 54.3 56.8 85.2#
101 0.0 7.7 11.5#
130 1.9 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141356.D

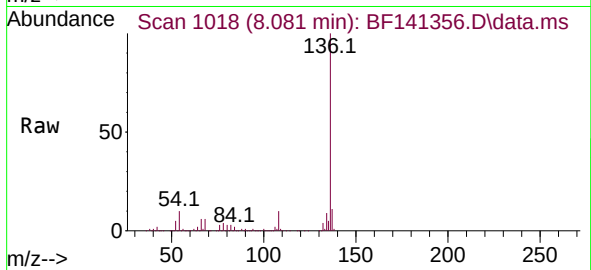
Acq: 01 Feb 2025 02:17

Instrument :

BNA_F

ClientSampleId :

CL-01-01302025



Tgt Ion:136 Resp: 515881

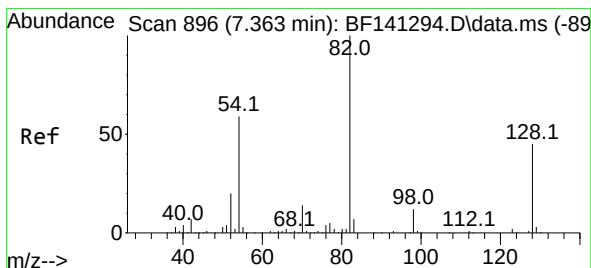
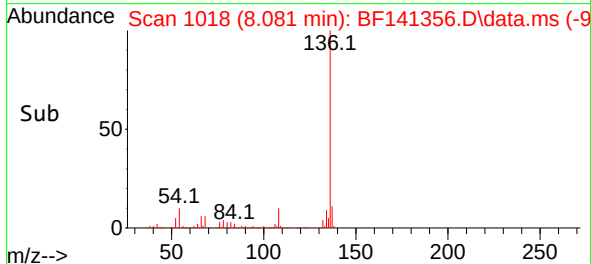
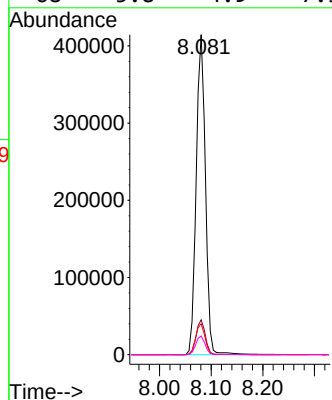
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.7 7.8 11.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 55.186 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

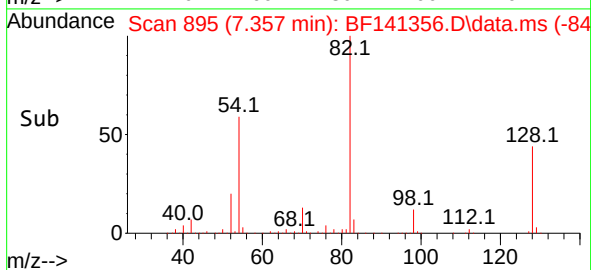
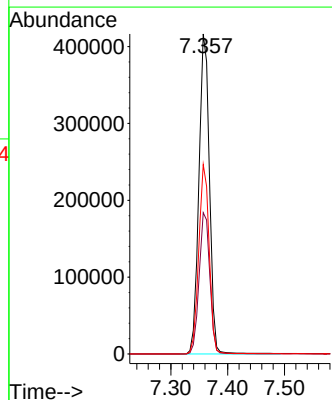
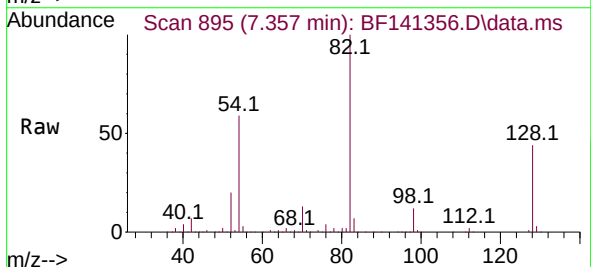
Tgt Ion: 82 Resp: 540051

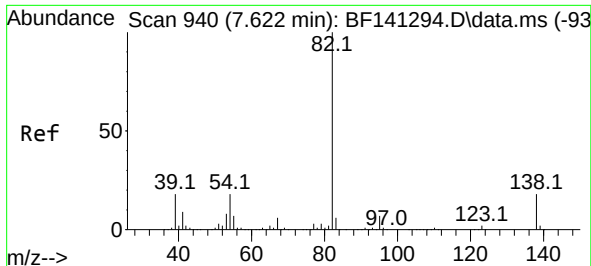
Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 59.2 47.1 70.7

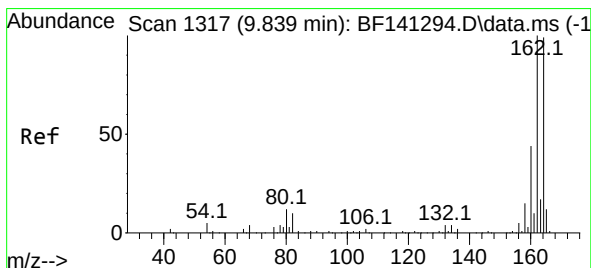
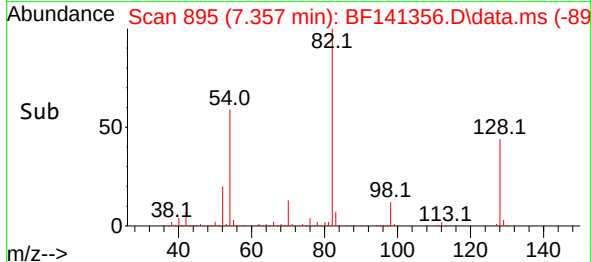
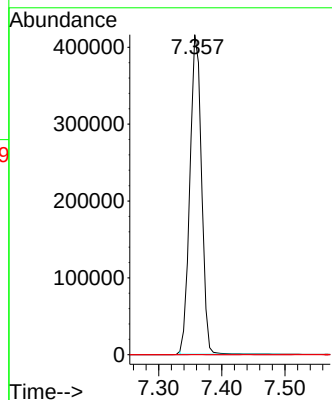
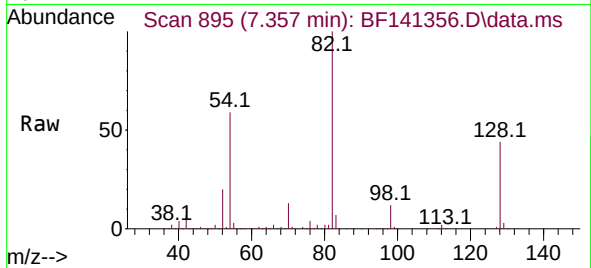




#25
Isophorone
Concen: 31.491 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

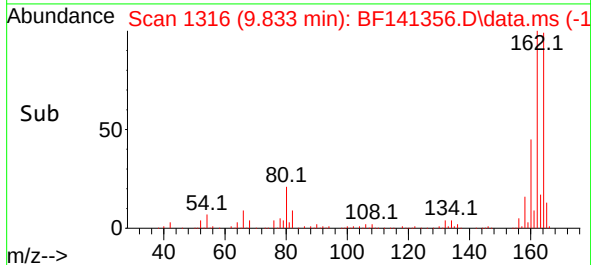
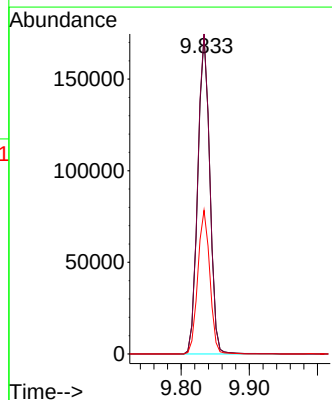
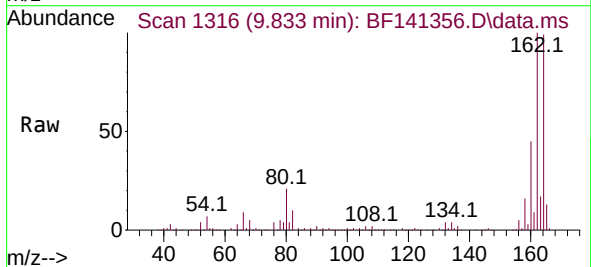
Instrument :
BNA_F
ClientSampleId :
CL-01-01302025

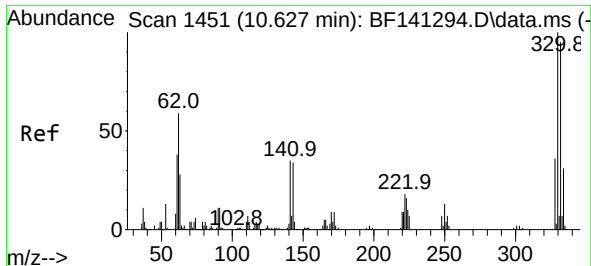
Tgt Ion: 82 Resp: 532706
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion:164 Resp: 212454
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 68.672 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141356.D

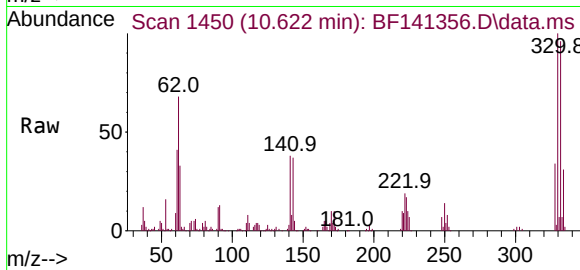
Acq: 01 Feb 2025 02:17

Instrument :

BNA_F

ClientSampleId :

CL-01-01302025



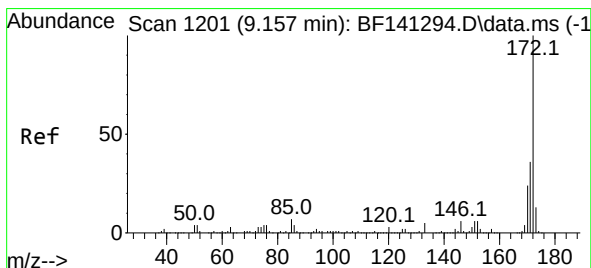
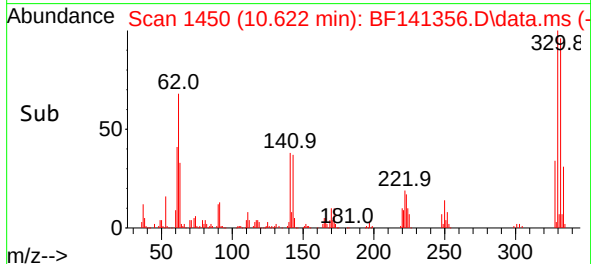
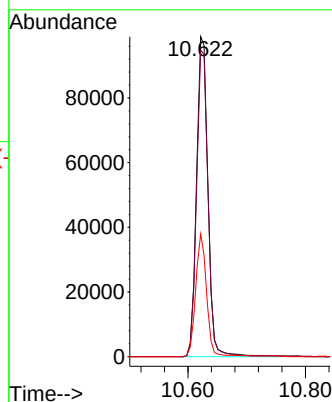
Tgt Ion:330 Resp: 133754

Ion Ratio Lower Upper

330 100

332 95.4 76.1 114.1

141 36.8 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 63.051 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

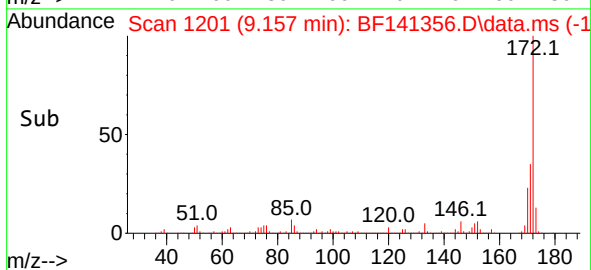
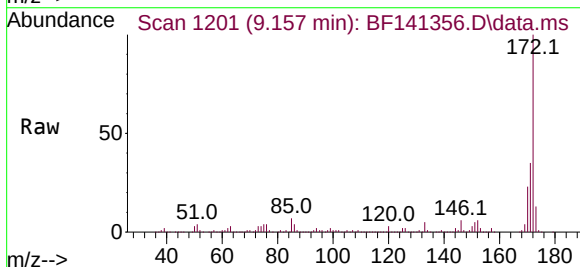
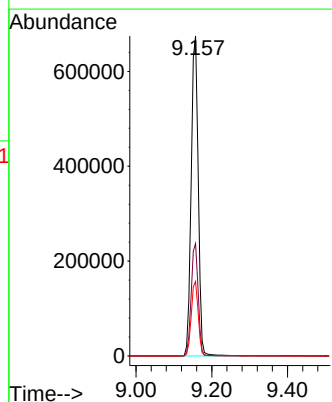
Tgt Ion:172 Resp: 870295

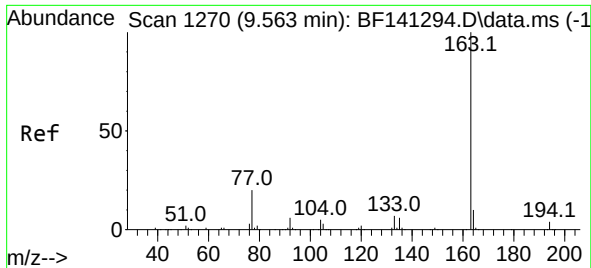
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.0 28.6

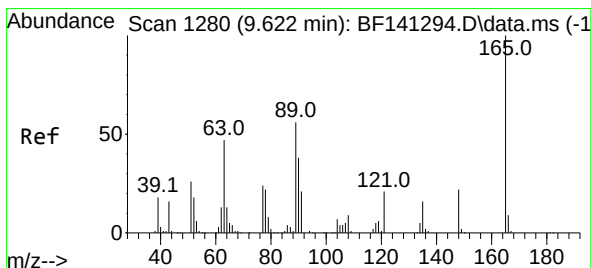
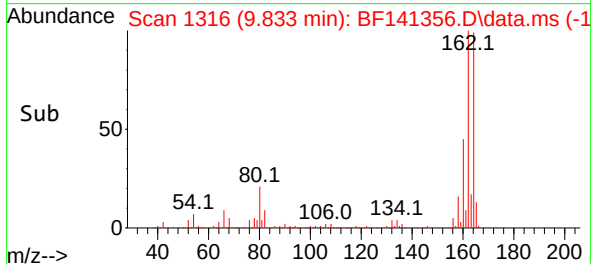
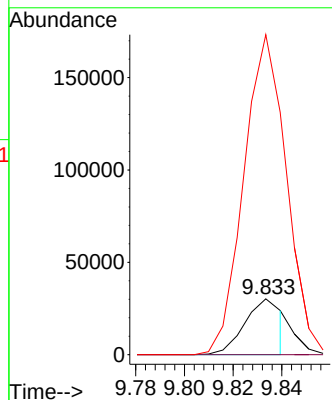
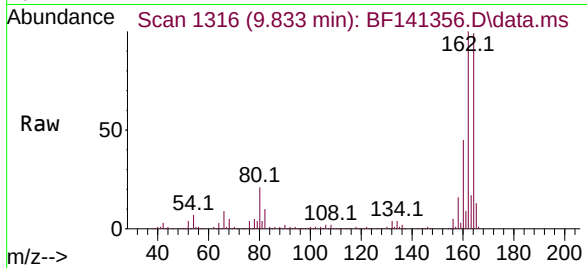




#50
Dimethylphthalate
Concen: 2.224 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

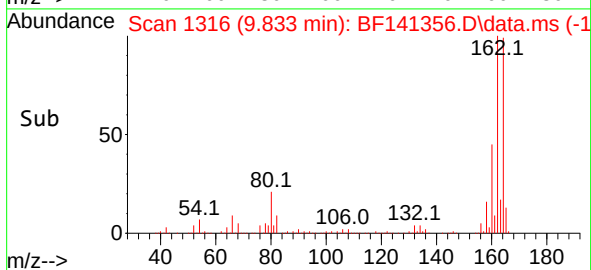
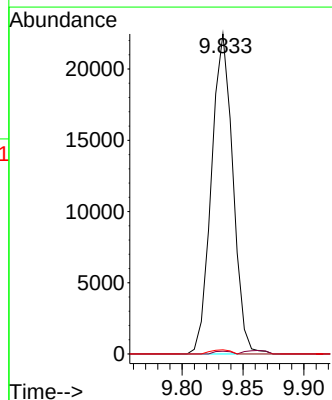
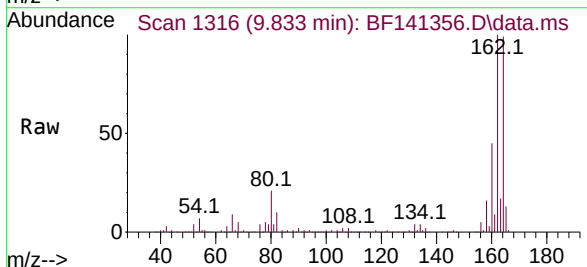
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CL-01-01302025

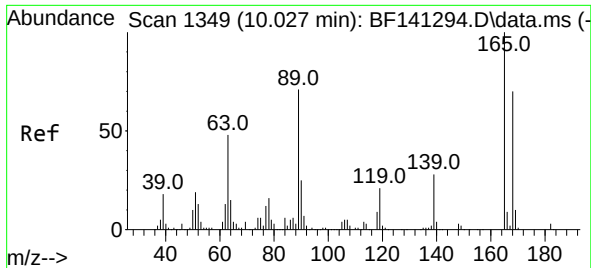
Tgt Ion:163 Resp: 31918
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 572.2 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.278 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

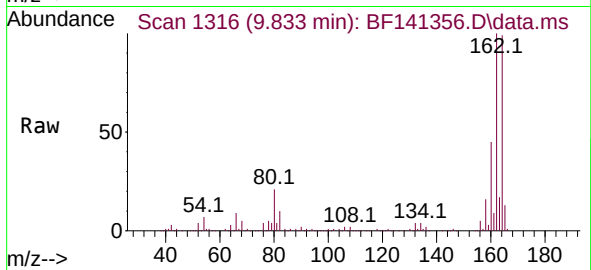
Tgt Ion:165 Resp: 27580
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 1.3 44.9 67.3#



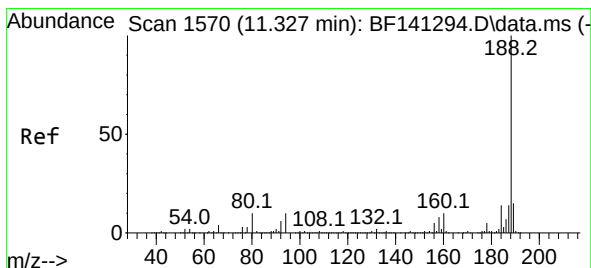
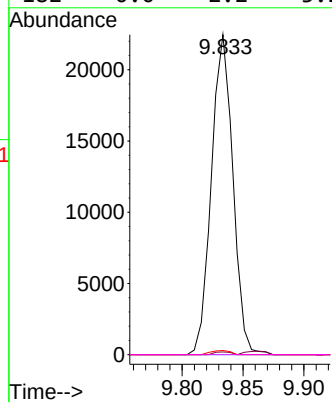
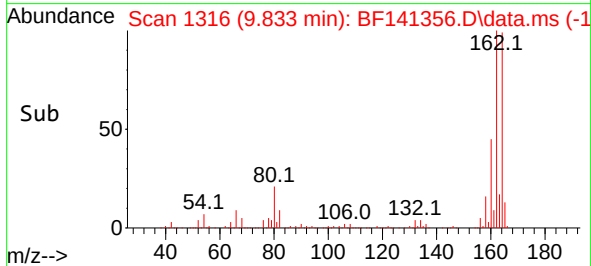


#57
2,4-Dinitrotoluene
Concen: 6.394 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Instrument :
BNA_F
ClientSampleId :
CL-01-01302025

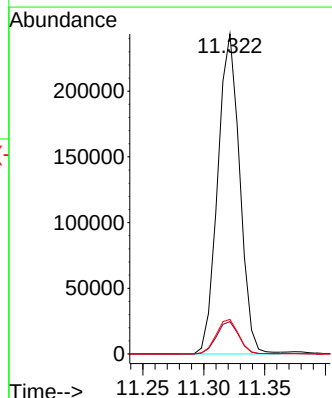
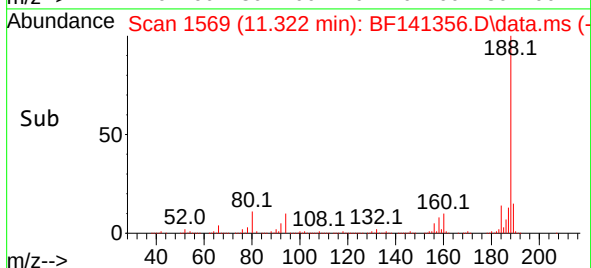
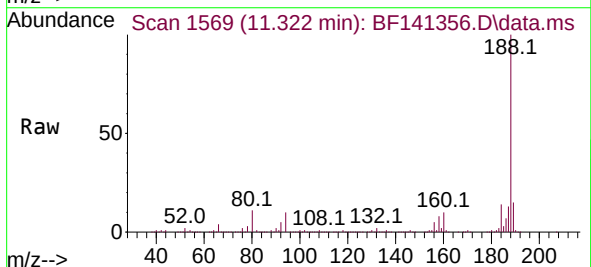


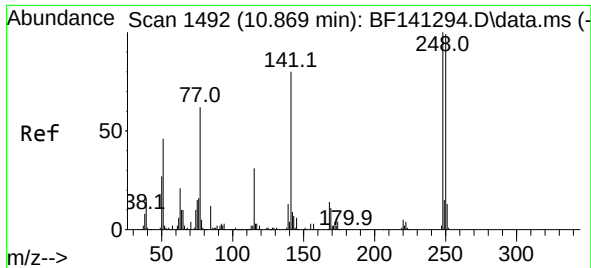
Tgt Ion:165 Resp: 27580
Ion Ratio Lower Upper
165 100
63 0.9 39.2 58.8#
89 1.3 56.9 85.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion:188 Resp: 306429
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.8 8.2 12.4

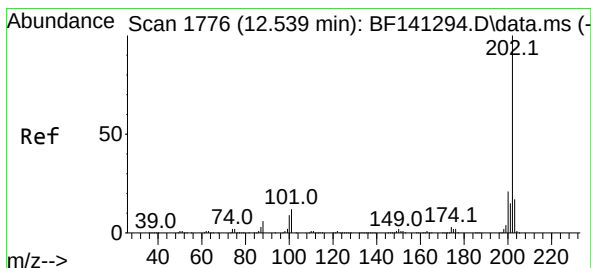
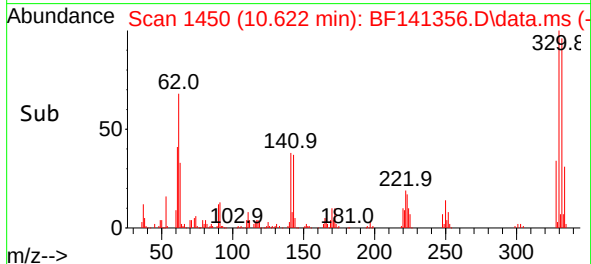
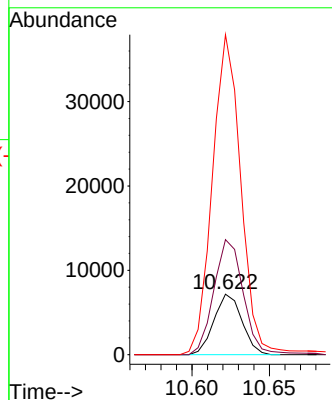
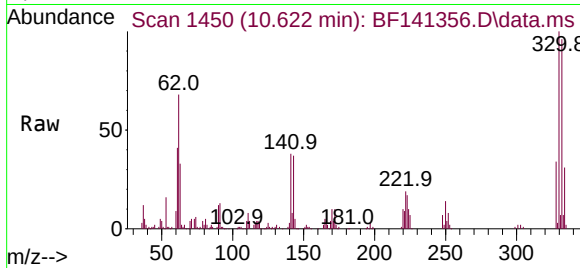




#67
4-Bromophenyl-phenylether
Concen: 2.637 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

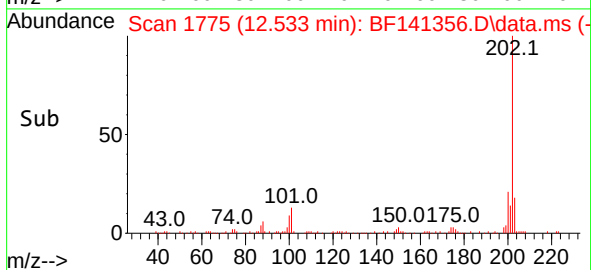
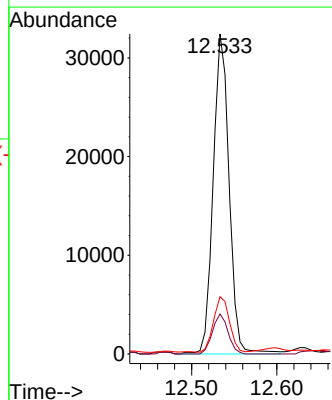
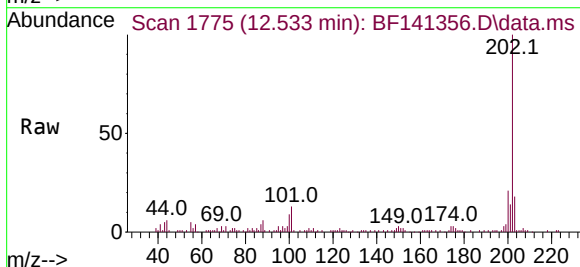
Instrument :
BNA_F
ClientSampleId :
CL-01-01302025

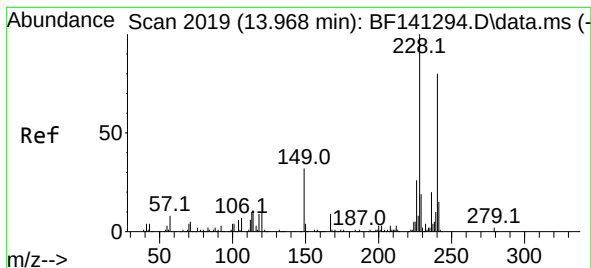
Tgt Ion:248 Resp: 9046
Ion Ratio Lower Upper
248 100
250 190.2 79.0 118.4#
141 528.9 63.7 95.5#



#75
Fluoranthene
Concen: 2.605 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion:202 Resp: 42365
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

Instrument :

BNA_F

ClientSampleId :

CL-01-01302025

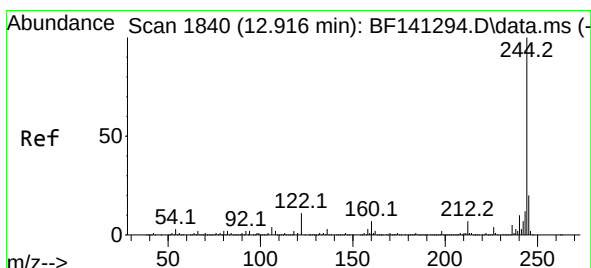
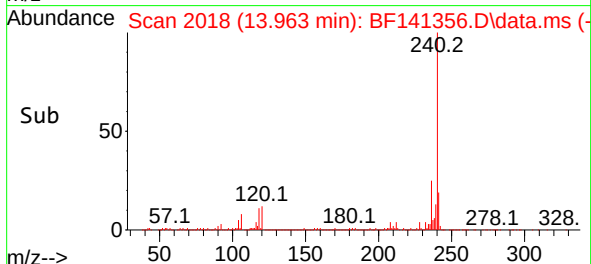
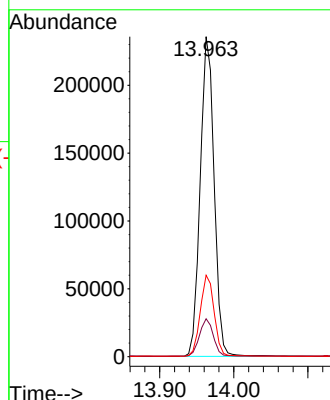
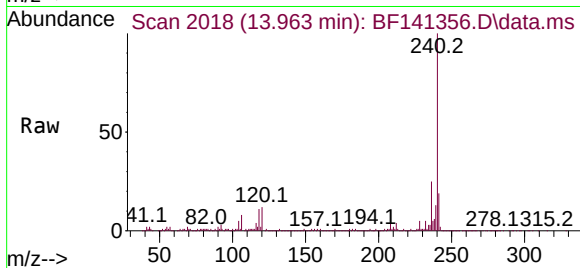
Tgt Ion:240 Resp: 307669

Ion Ratio Lower Upper

240 100

120 11.9 10.0 15.0

236 25.4 19.7 29.5



#79

Terphenyl-d14

Concen: 43.276 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

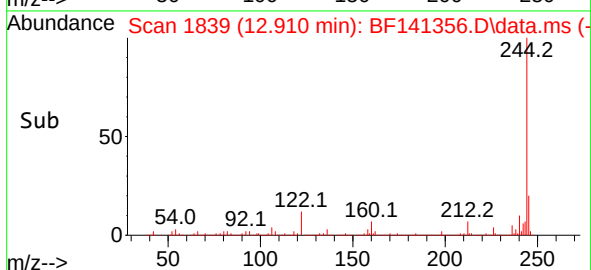
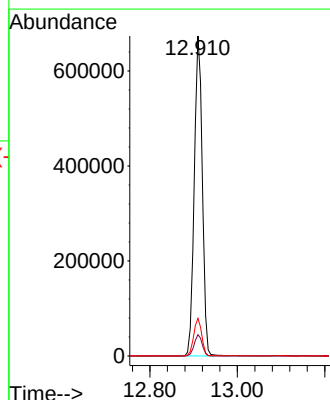
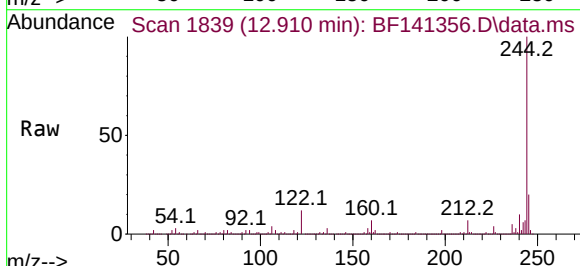
Tgt Ion:244 Resp: 863362

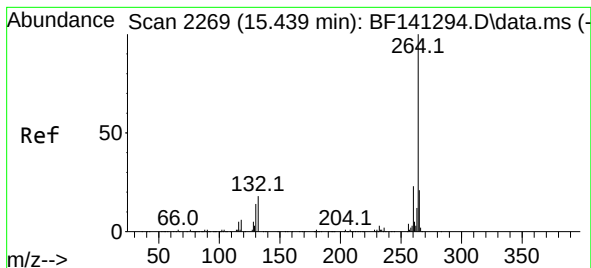
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 11.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2194

Delta R.T. -0.018 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

Instrument :

BNA_F

ClientSampleId :

CL-01-01302025

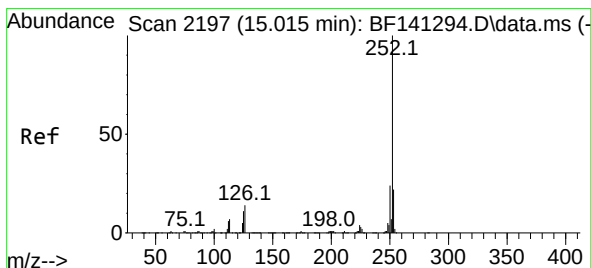
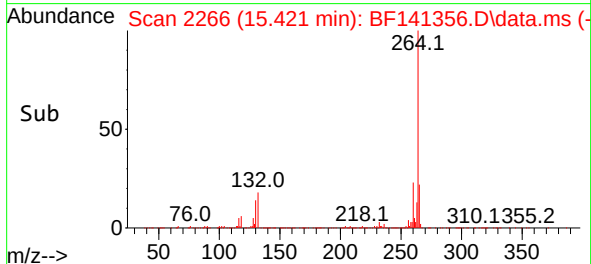
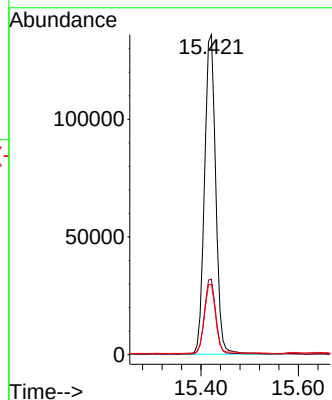
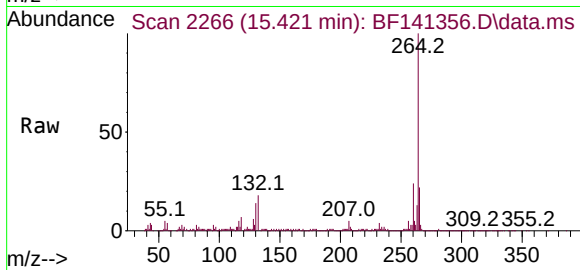
Tgt Ion:264 Resp: 216484

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.0 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.088 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.024 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

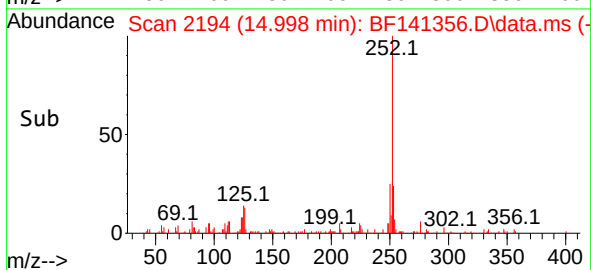
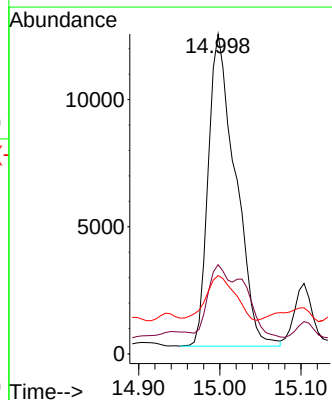
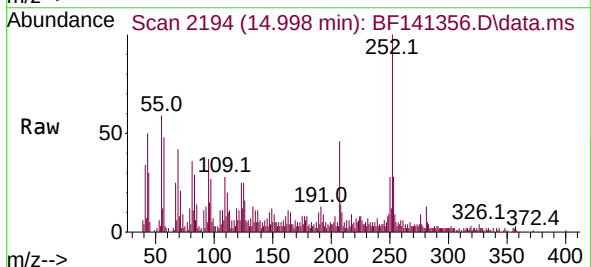
Tgt Ion:252 Resp: 28439

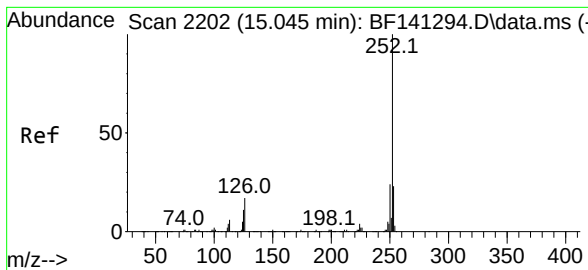
Ion Ratio Lower Upper

252 100

253 27.9 17.4 26.2#

125 24.5 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 2.357 ng

RT: 14.998 min Scan# 21

Delta R.T. -0.053 min

Lab File: BF141356.D

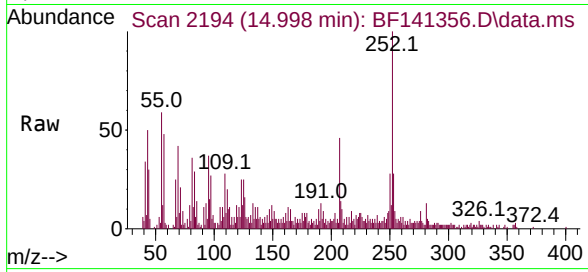
Acq: 01 Feb 2025 02:17

Instrument :

BNA_F

ClientSampleId :

CL-01-01302025



Tgt Ion:252 Resp: 28439

Ion Ratio Lower Upper

252 100

253 27.9 17.6 26.4#

125 24.5 8.4 12.6#

