

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134972.D
 Acq On : 28 Aug 2023 17:05
 Operator : CG\JU
 Sample : 04160-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24449

Quant Time: Aug 29 03:50:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

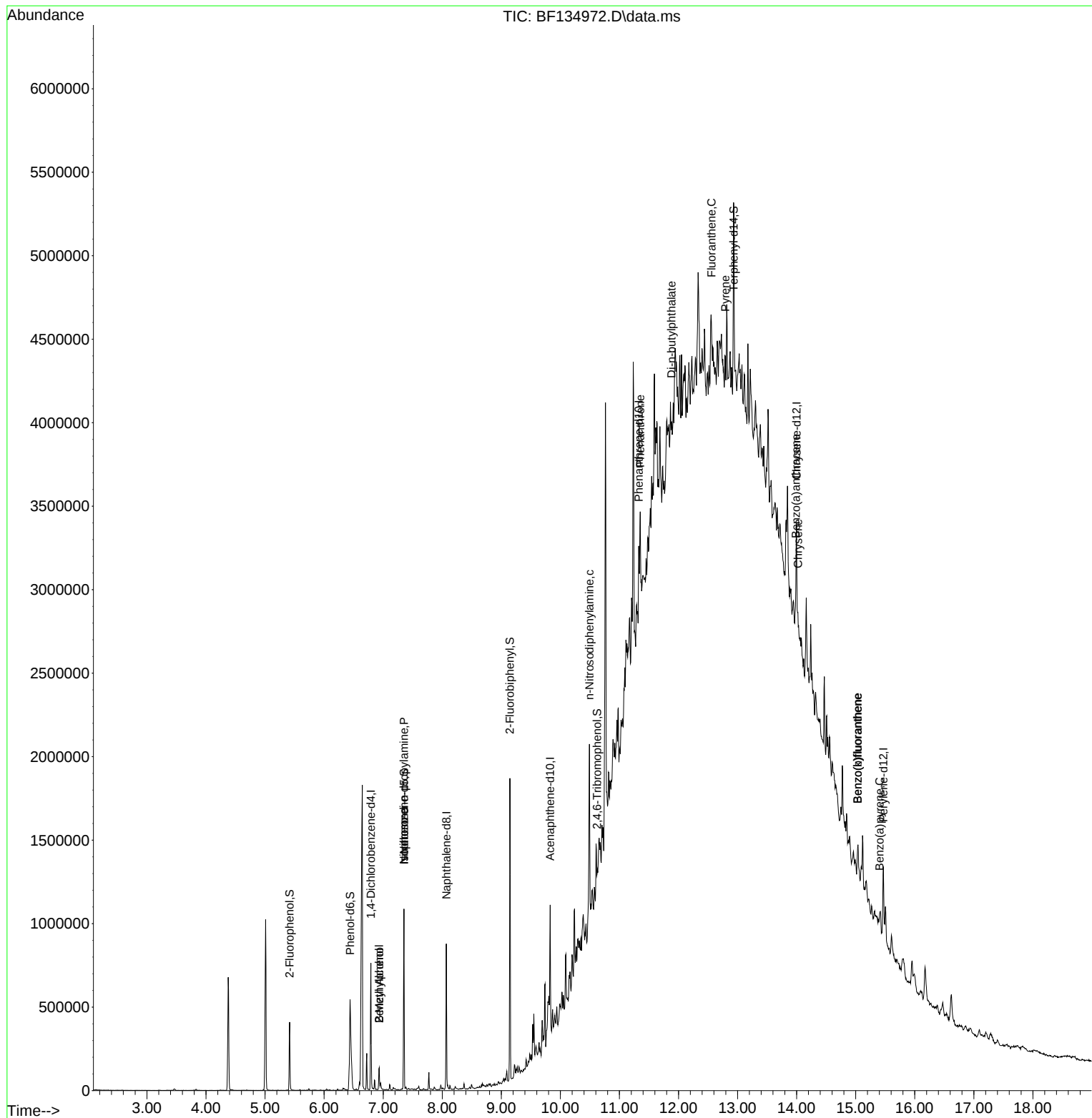
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90568	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	335639	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	130989	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	184065	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	190219	20.000	ng	0.02
86) Perylene-d12	15.468	264	186480	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	109764	19.326	ng	0.00
7) Phenol-d6	6.439	99	351004	48.366	ng	0.00
23) Nitrobenzene-d5	7.351	82	289929	47.599	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	3743	2.426	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	499472	58.946	ng	-0.01
79) Terphenyl-d14	12.933	244	417422	30.182	ng	0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.934	79	21536	4.271	ng	97
17) 2-Methylphenol	6.934	107	11053	2.143	ng	# 10
19) n-Nitroso-di-n-propyla...	7.351	70	39271	9.265	ng	# 78
25) Isophorone	7.351	82	288628	25.377	ng	# 64
66) n-Nitrosodiphenylamine	10.492	169	16770	2.829	ng	# 55
71) Phenanthrene	11.351	178	109773	11.381	ng	# 90
74) Di-n-butylphthalate	11.880	149	24027	2.573	ng	# 35
75) Fluoranthene	12.557	202	87572	9.582	ng	84
78) Pyrene	12.792	202	82304	4.081	ng	# 87
81) Benzo(a)anthracene	13.986	228	40387	3.112	ng	# 83
83) Chrysene	14.021	228	47791	3.732	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	58044	5.517	ng	# 54
89) Benzo(k)fluoranthene	15.033	252	58044	5.618	ng	# 51
90) Benzo(a)pyrene	15.404	252	25985	2.474	ng	# 60

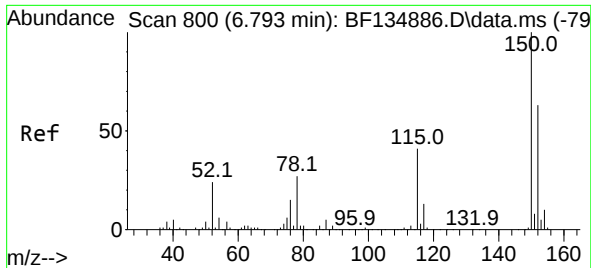
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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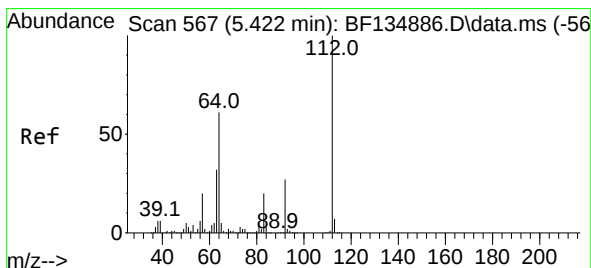
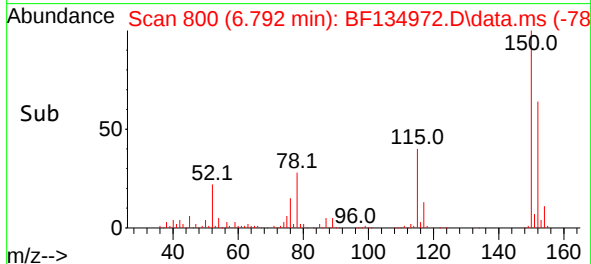
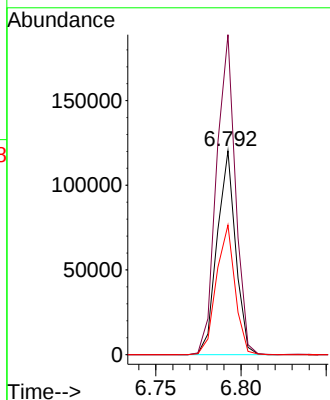
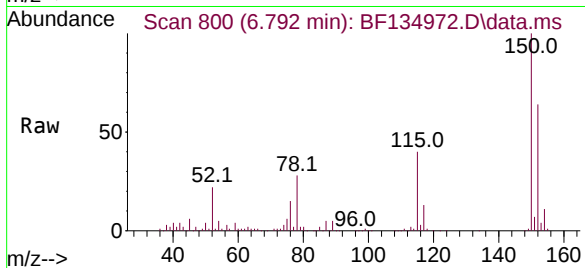




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

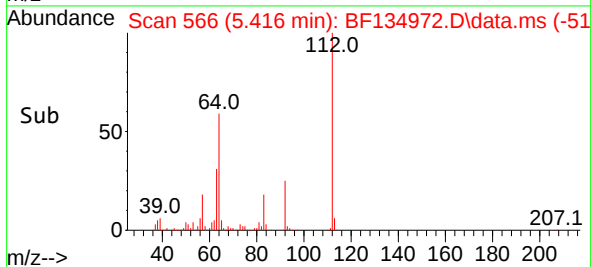
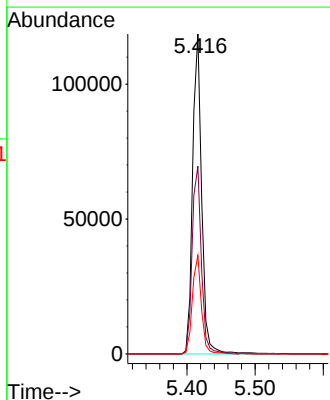
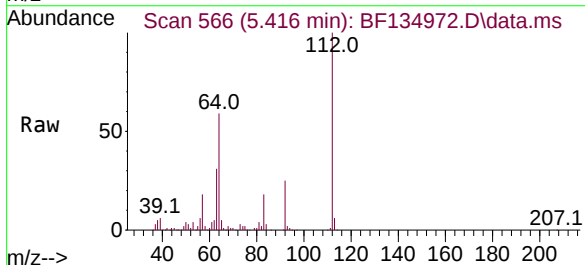
Instrument :
BNA_F
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CHRT-24449

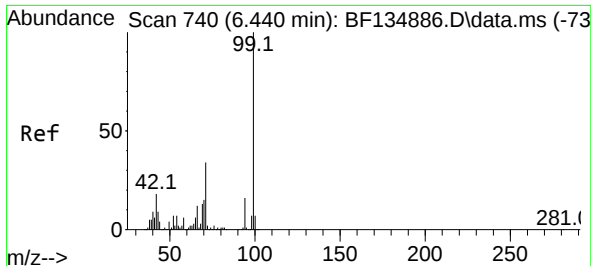
Tgt Ion:152 Resp: 90568
Ion Ratio Lower Upper
152 100
150 157.0 126.1 189.1
115 63.6 51.1 76.7



#5
2-Fluorophenol
Concen: 19.326 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion:112 Resp: 109764
Ion Ratio Lower Upper
112 100
64 58.6 48.6 73.0
63 30.8 25.7 38.5

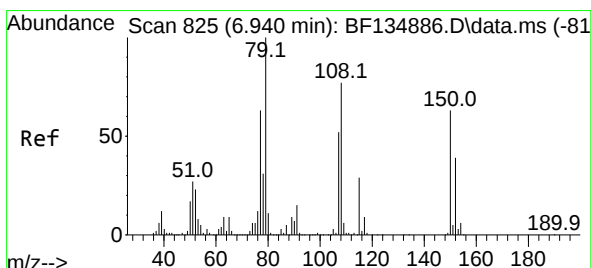
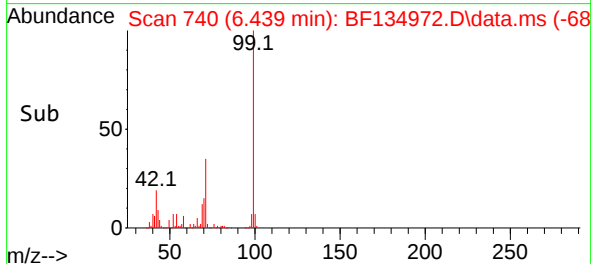
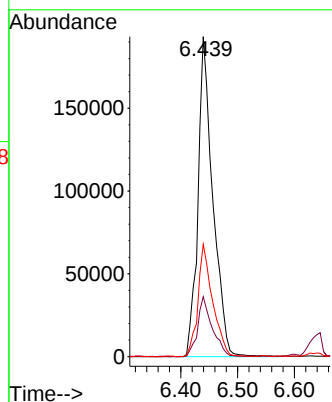
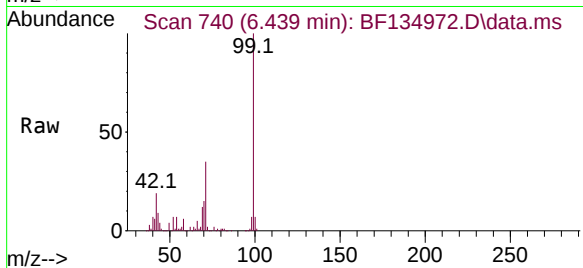




#7
Phenol-d6
Concen: 48.366 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

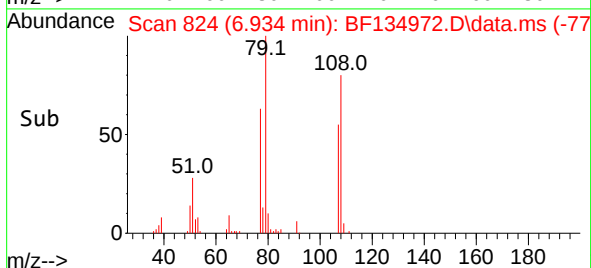
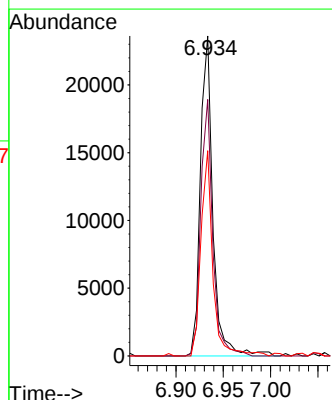
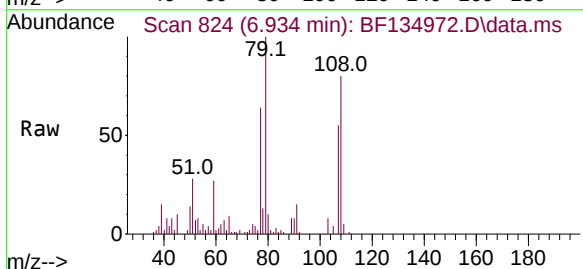
Instrument :
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ClientSampleId :
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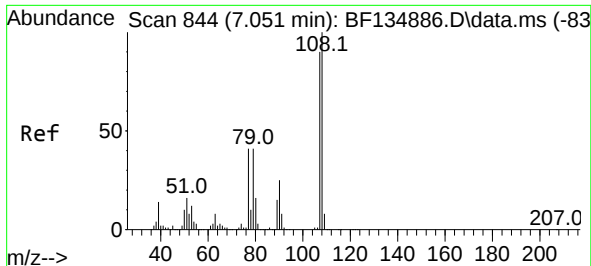
Tgt Ion: 99 Resp: 351004
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 35.1 27.6 41.4



#15
Benzyl Alcohol
Concen: 4.271 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion: 79 Resp: 21536
Ion Ratio Lower Upper
79 100
108 80.1 61.4 92.2
77 64.1 50.1 75.1

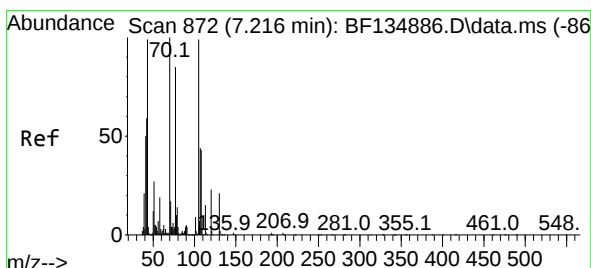
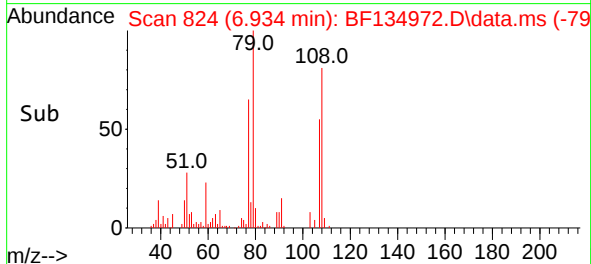
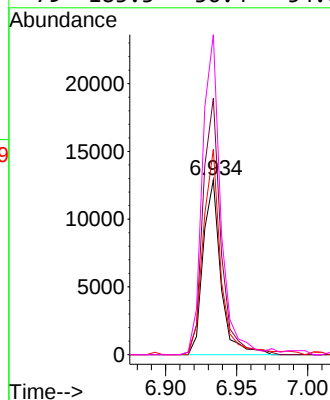
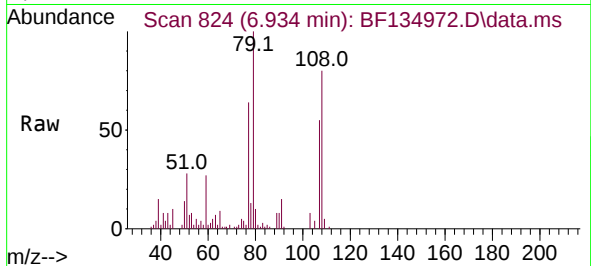




#17
2-Methylphenol
Concen: 2.143 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.117 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

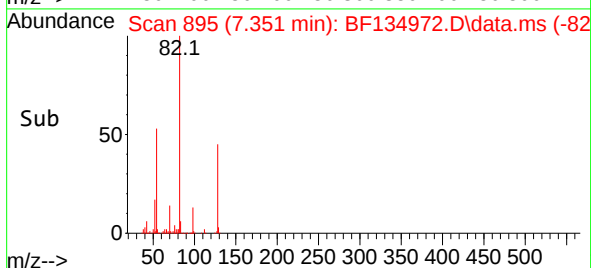
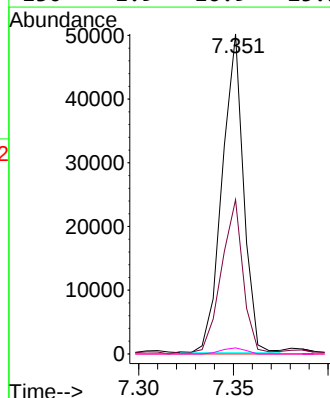
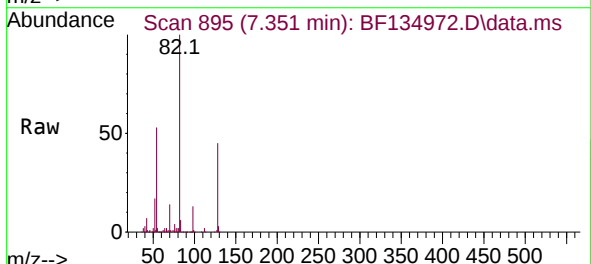
Instrument :
BNA_F
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CHRT-24449

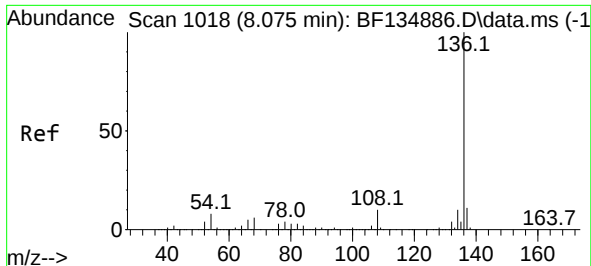
Tgt Ion:	107	Resp:	11053
Ion	Ratio	Lower	Upper
107	100		
108	146.9	89.0	133.6#
77	117.5	36.5	54.7#
79	183.3	36.4	54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.265 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

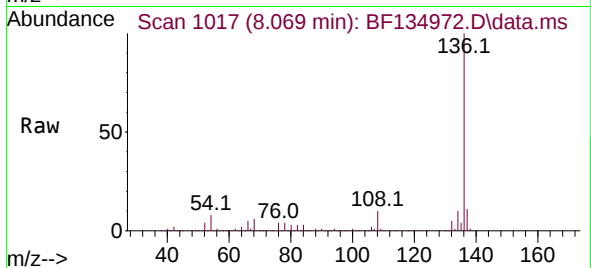
Tgt Ion:	70	Resp:	39271
Ion	Ratio	Lower	Upper
70	100		
42	48.2	46.9	70.3
101	0.0	7.5	11.3#
130	1.9	16.9	25.3#



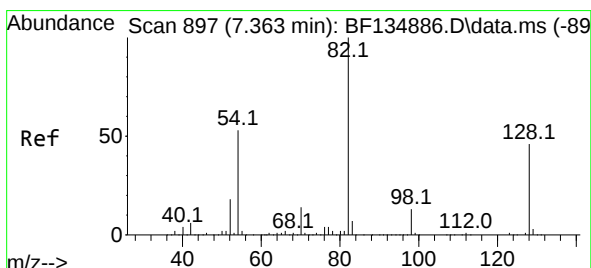
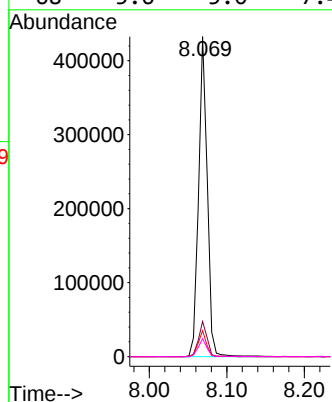
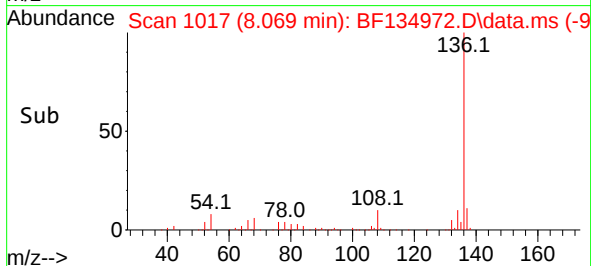


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Instrument :
BNA_F
ClientSampleId :
CHRT-24449

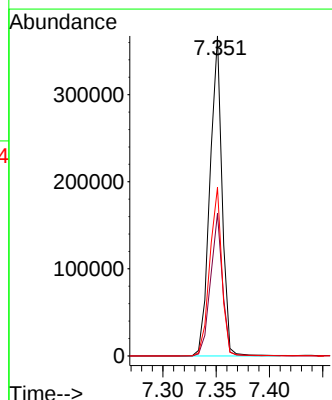
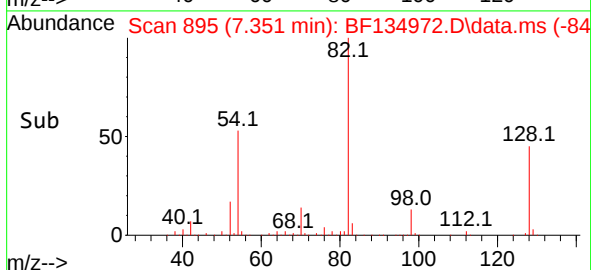
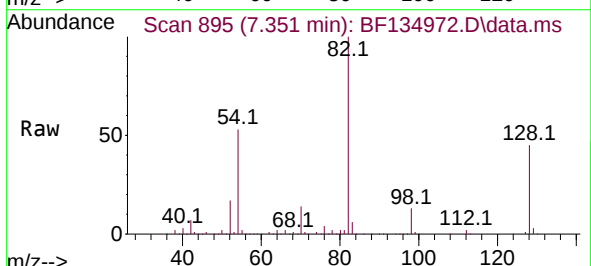


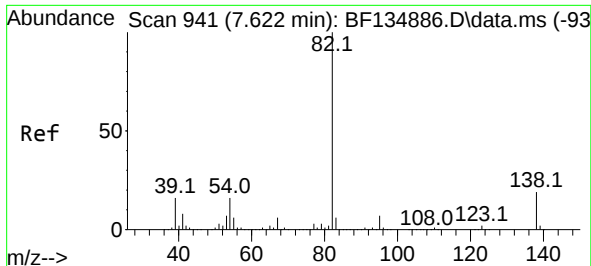
Tgt Ion:	136	Resp:	335639
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 47.599 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion:	82	Resp:	289929
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.6	54.8
54	52.6	42.6	63.8

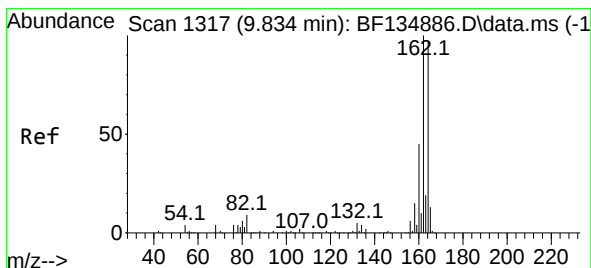
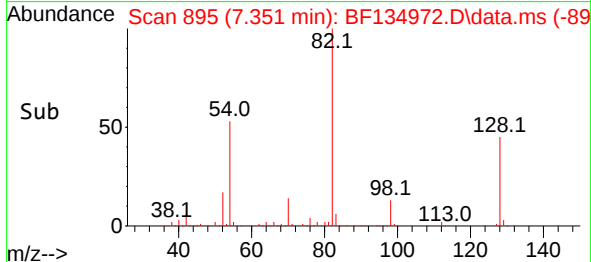
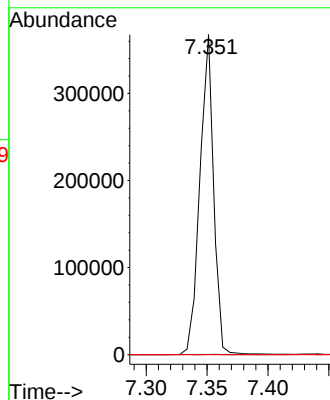
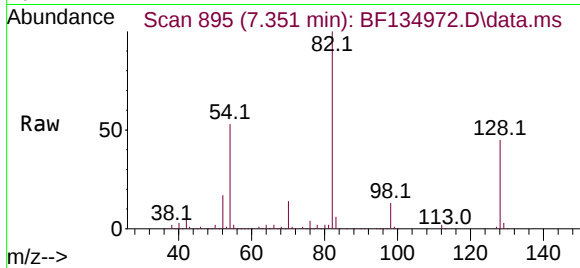




#25
Isophorone
Concen: 25.377 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

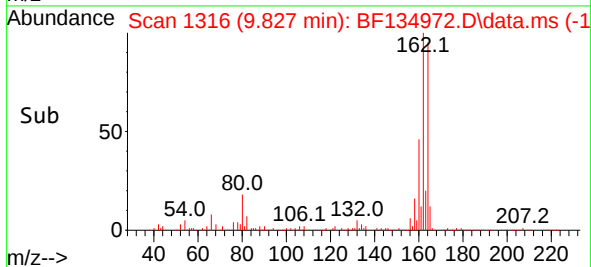
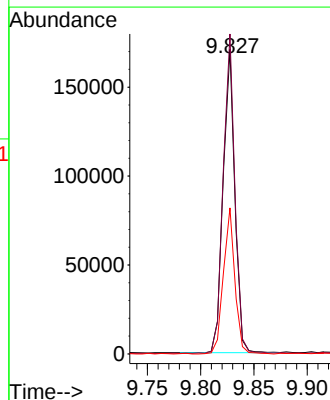
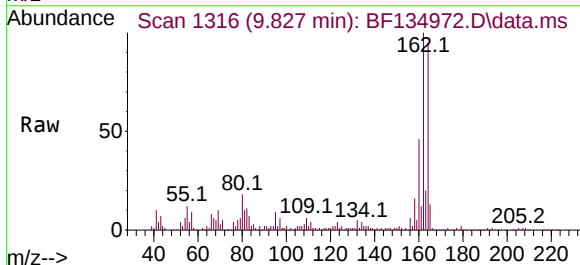
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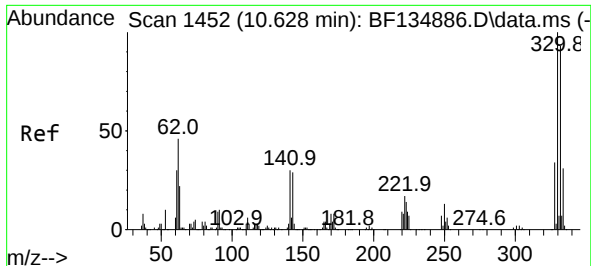
Tgt Ion: 82 Resp: 288628
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion:164 Resp: 130989
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 48.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 2.426 ng

RT: 10.621 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

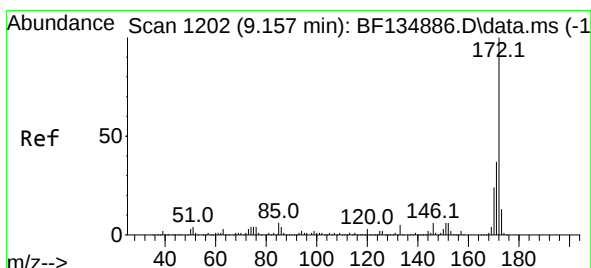
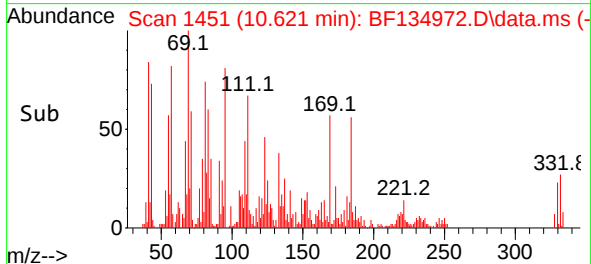
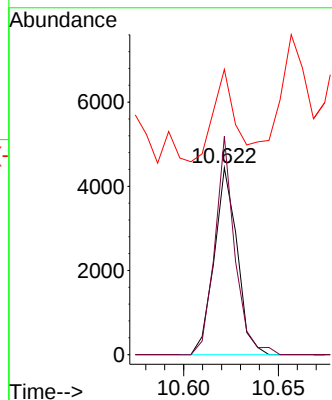
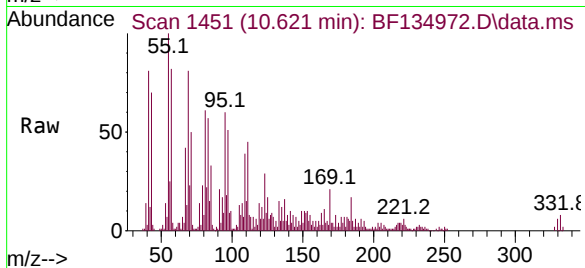
Tgt Ion:330 Resp: 3743

Ion Ratio Lower Upper

330 100

332 102.1 76.3 114.5

141 45.8 23.4 35.2#



#45

2-Fluorobiphenyl

Concen: 58.946 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

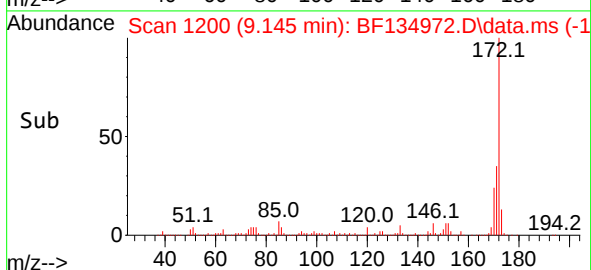
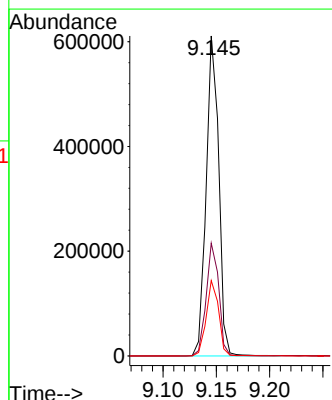
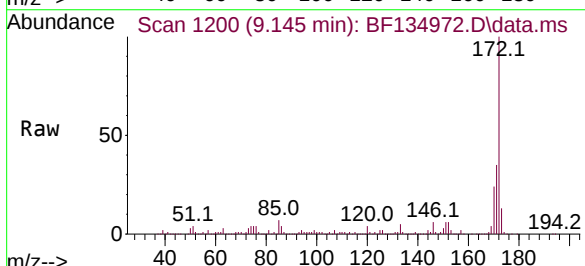
Tgt Ion:172 Resp: 499472

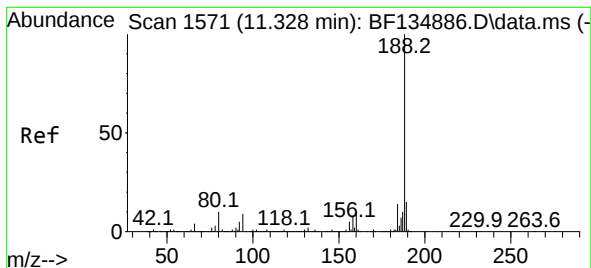
Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.0

170 23.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

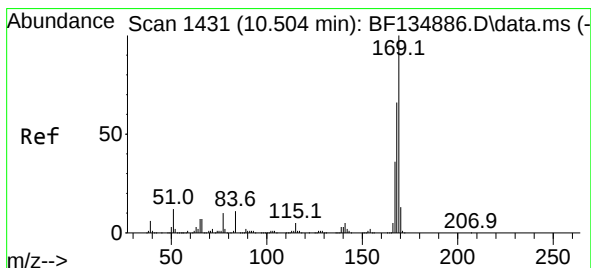
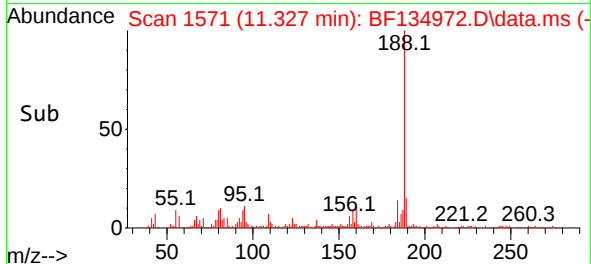
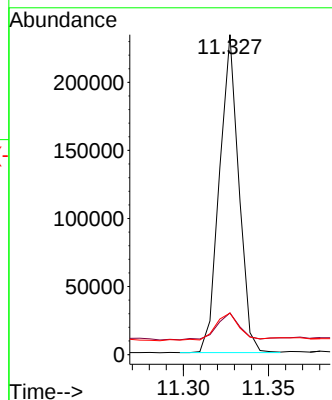
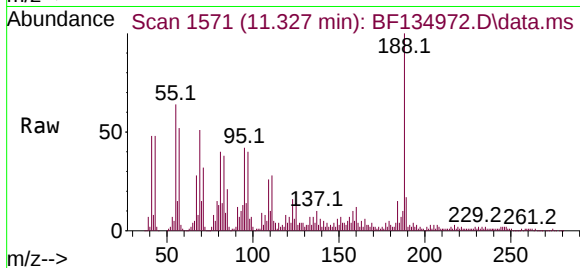
Tgt Ion:188 Resp: 184065

Ion Ratio Lower Upper

188 100

94 13.0 7.5 11.3#

80 13.0 7.8 11.6#



#66

n-Nitrosodiphenylamine

Concen: 2.829 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.012 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

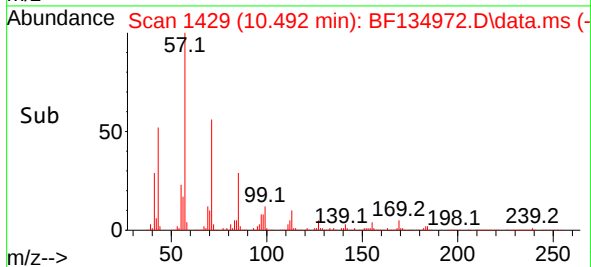
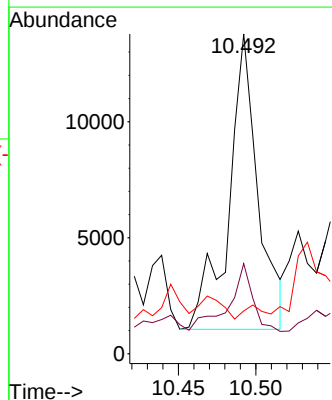
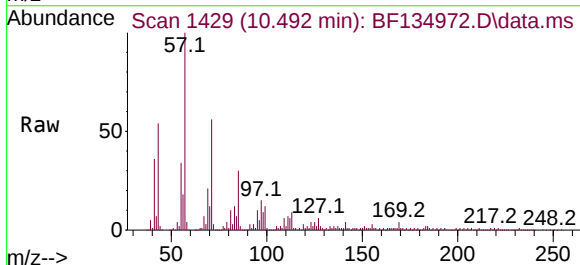
Tgt Ion:169 Resp: 16770

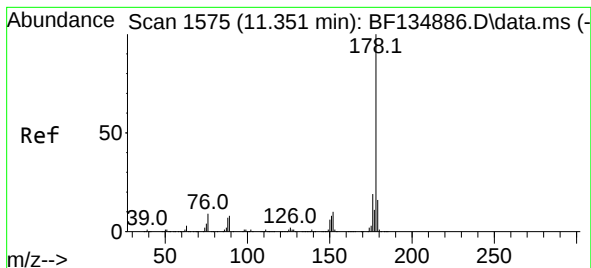
Ion Ratio Lower Upper

169 100

168 28.2 53.0 79.6#

167 13.4 29.0 43.6#





#71

Phenanthrene

Concen: 11.381 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

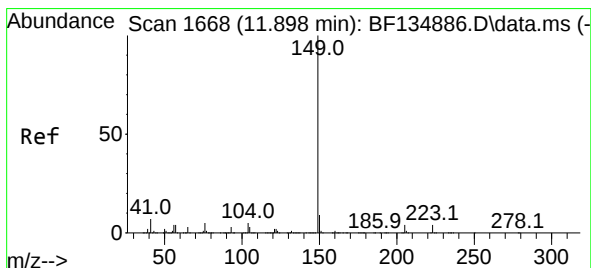
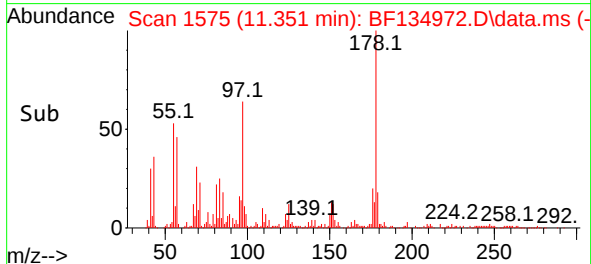
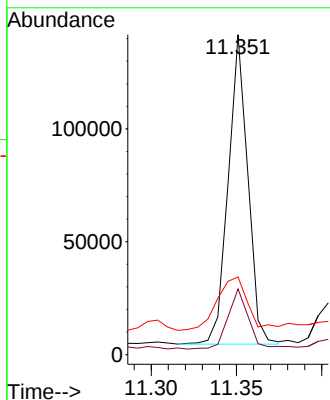
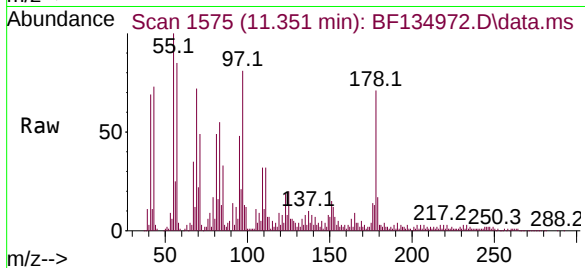
Tgt Ion:178 Resp: 109773

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

179 24.3 12.6 19.0#



#74

Di-n-butylphthalate

Concen: 2.573 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.018 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

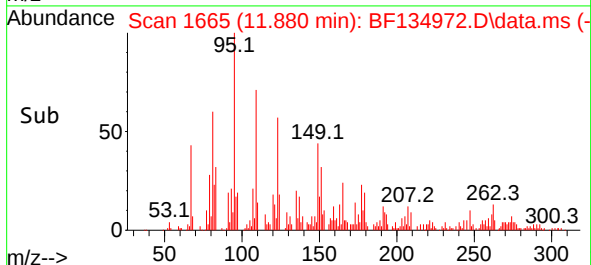
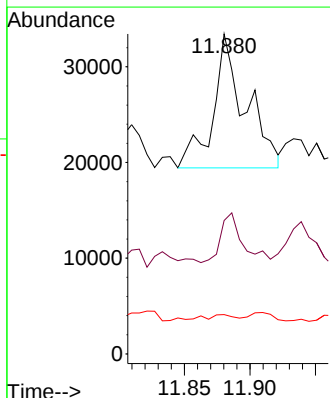
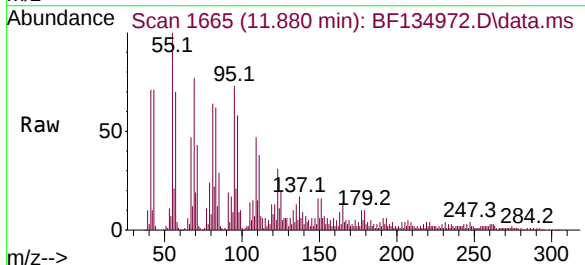
Tgt Ion:149 Resp: 24027

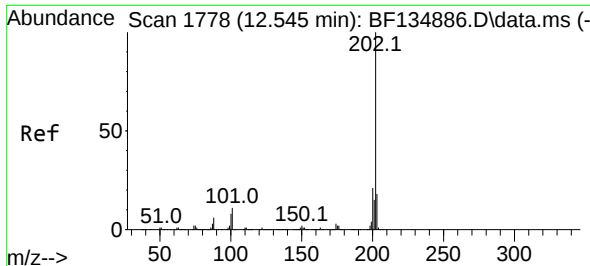
Ion Ratio Lower Upper

149 100

150 41.7 7.4 11.2#

104 12.3 4.1 6.1#

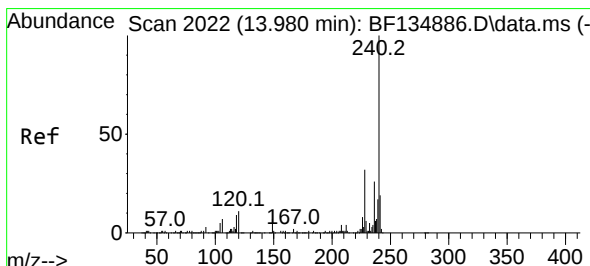
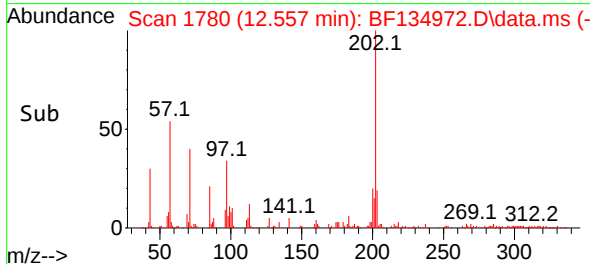
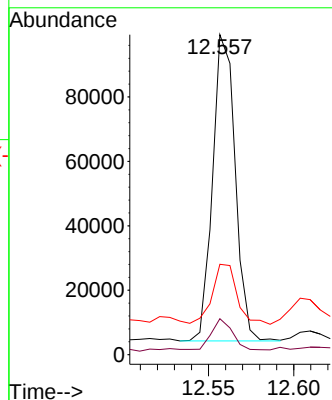
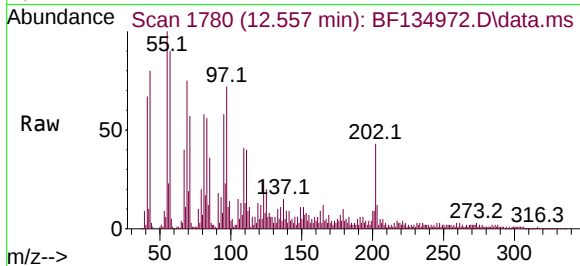




#75
Fluoranthene
Concen: 9.582 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

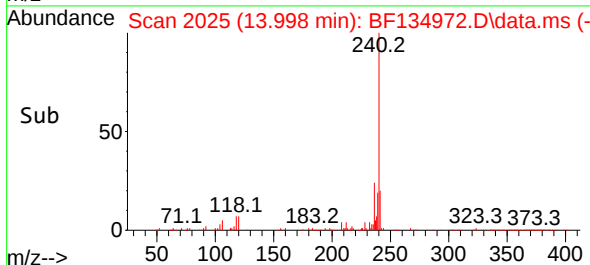
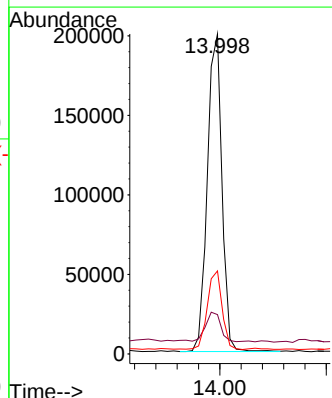
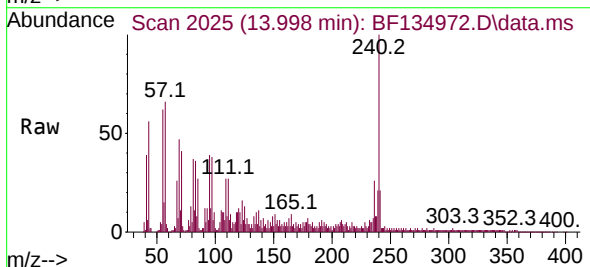
Instrument :
BNA_F
ClientSampleId :
CHRT-24449

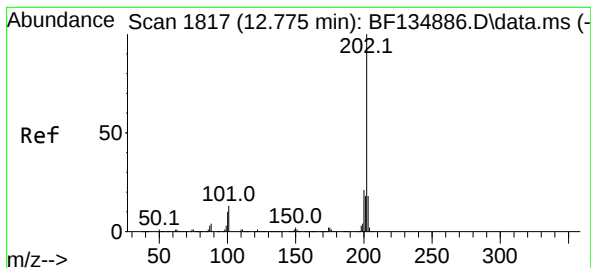
Tgt Ion:	202	Resp:	87572
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.5
203	28.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.017 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion:	240	Resp:	190219
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.6	12.8
236	25.9	20.6	31.0





#78

Pyrene

Concen: 4.081 ng

RT: 12.792 min Scan# 1817

Delta R.T. 0.017 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

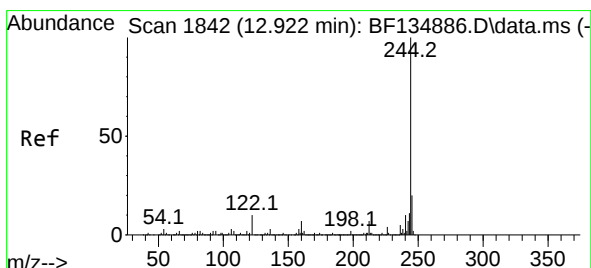
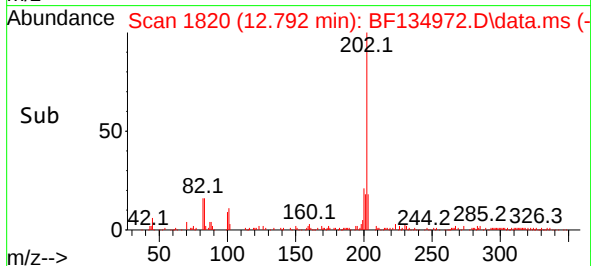
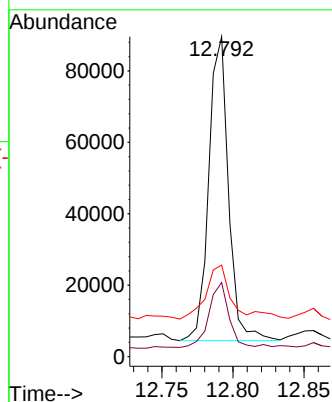
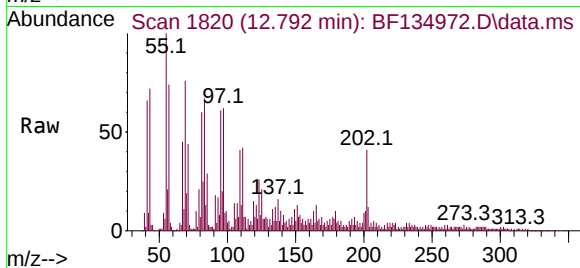
Tgt Ion:202 Resp: 82304

Ion Ratio Lower Upper

202 100

200 23.2 17.1 25.7

203 28.6 14.2 21.2#



#79

Terphenyl-d14

Concen: 30.182 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.011 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

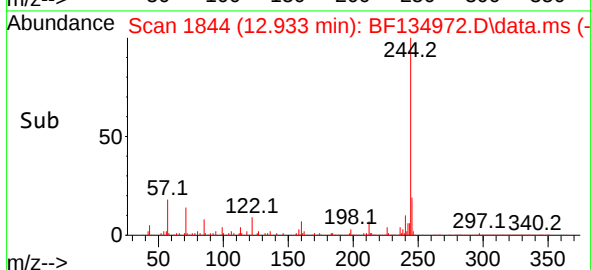
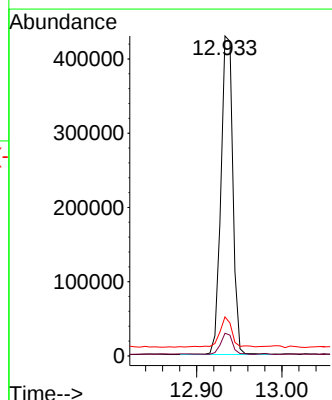
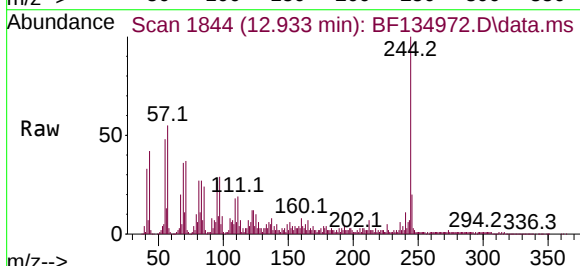
Tgt Ion:244 Resp: 417422

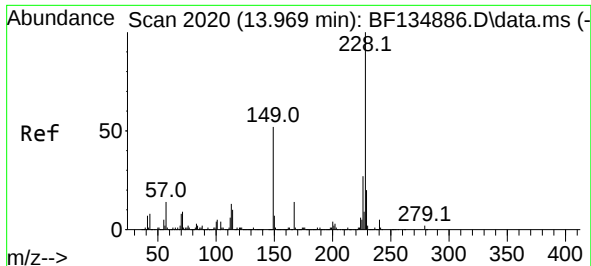
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 12.2 8.2 12.4

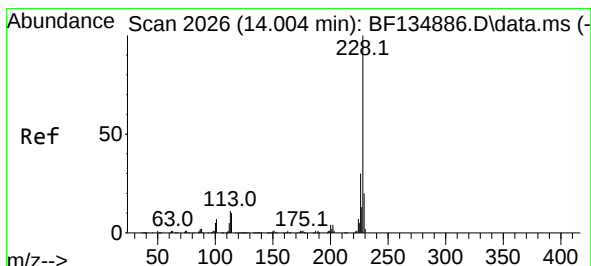
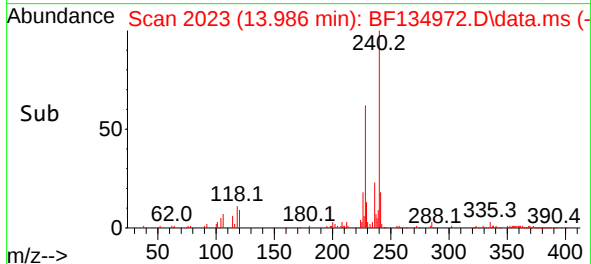
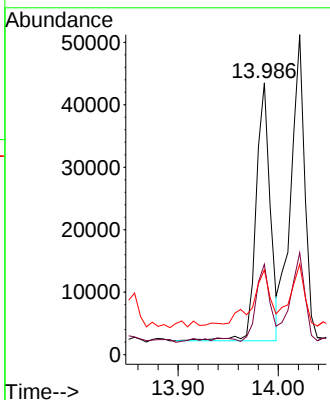
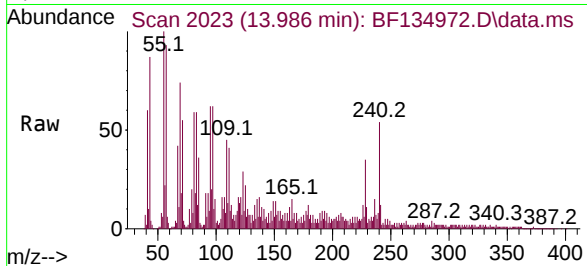




#81
Benzo(a)anthracene
Concen: 3.112 ng
RT: 13.986 min Scan# 2029
Delta R.T. 0.017 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

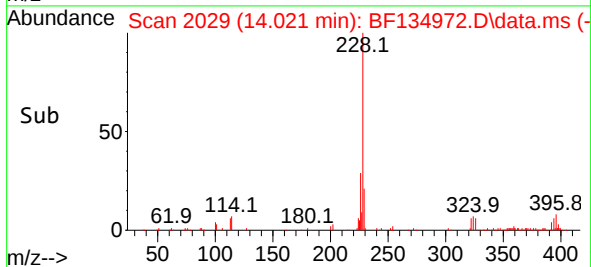
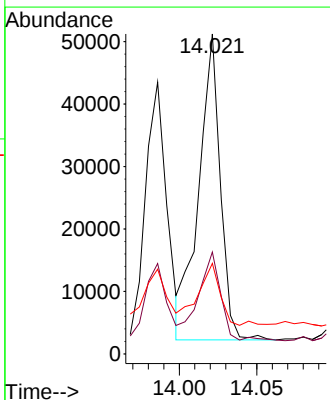
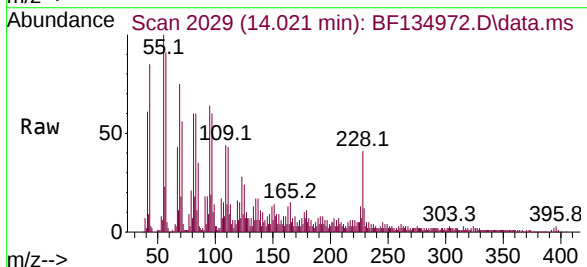
Instrument :
BNA_F
ClientSampleId :
CHRT-24449

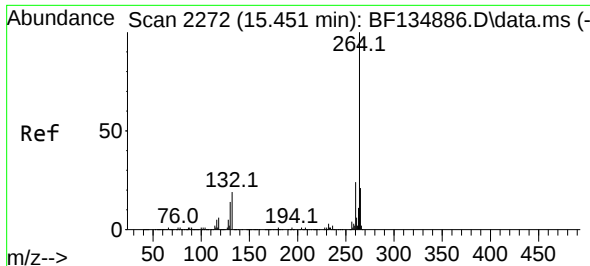
Tgt Ion:228 Resp: 40387
Ion Ratio Lower Upper
228 100
226 33.2 21.8 32.6#
229 31.2 15.6 23.4#



#83
Chrysene
Concen: 3.732 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.017 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion:228 Resp: 47791
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.2
229 28.3 16.0 24.0#

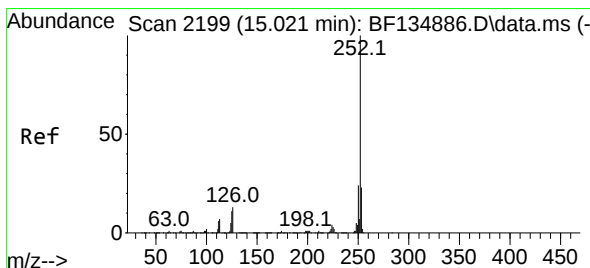
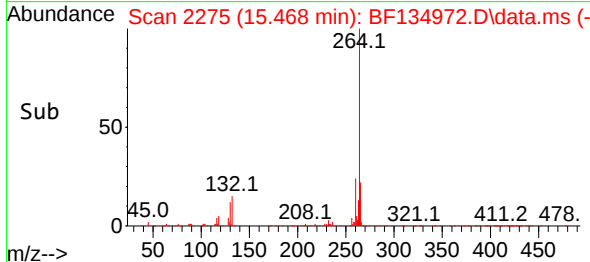
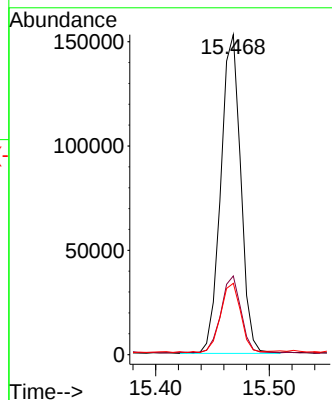
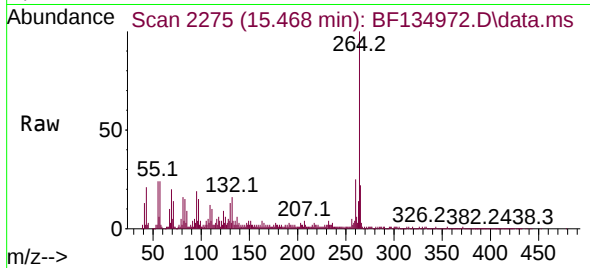




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

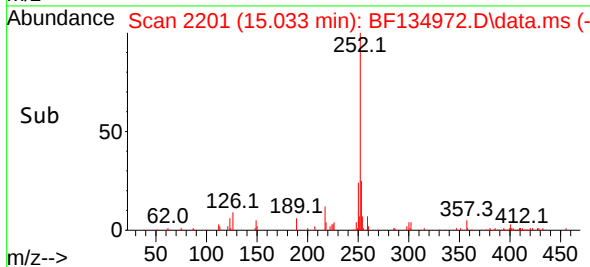
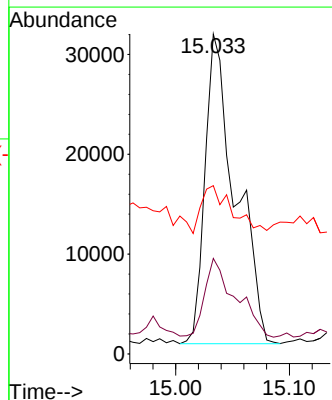
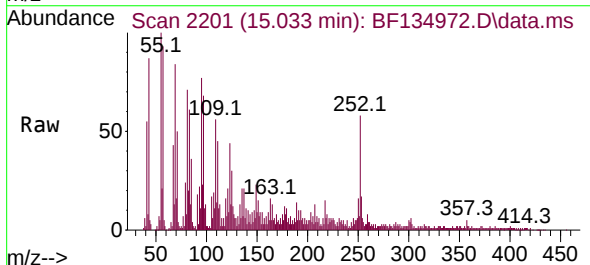
Instrument :
BNA_F
ClientSampleId :
CHRT-24449

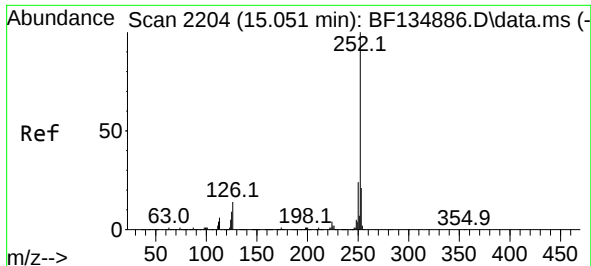
Tgt Ion:264 Resp: 186480
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 22.3 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 5.517 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF134972.D
Acq: 28 Aug 2023 17:05

Tgt Ion:252 Resp: 58044
Ion Ratio Lower Upper
252 100
253 29.8 18.1 27.1#
125 52.6 8.4 12.6#





#89

Benzo(k)fluoranthene

Concen: 5.618 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.018 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Instrument :

BNA_F

ClientSampleId :

CHRT-24449

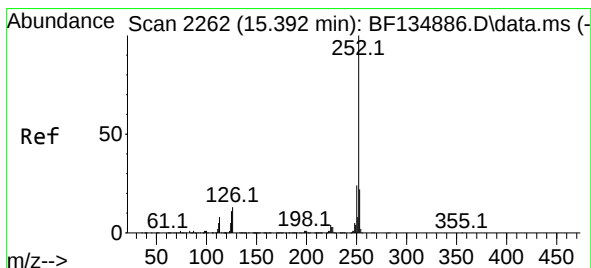
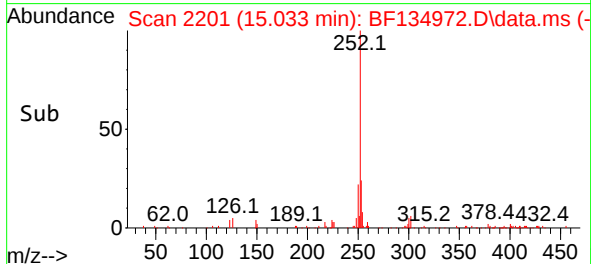
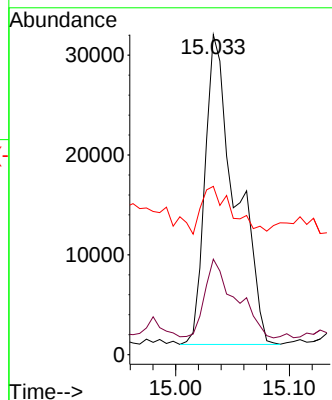
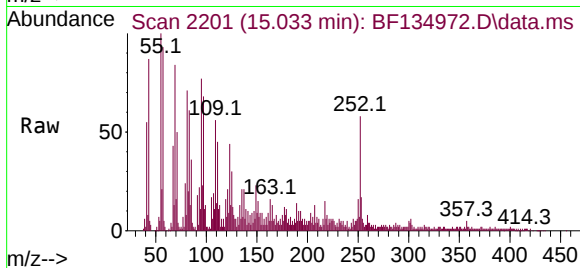
Tgt Ion:252 Resp: 58044

Ion Ratio Lower Upper

252 100

253 29.8 17.1 25.7#

125 52.6 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 2.474 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.012 min

Lab File: BF134972.D

Acq: 28 Aug 2023 17:05

Tgt Ion:252 Resp: 25985

Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 52.2 8.4 12.6#

