

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134489.D
 Acq On : 26 Jul 2023 19:05
 Operator : CG\JU
 Sample : 03694-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jul 26 19:52:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

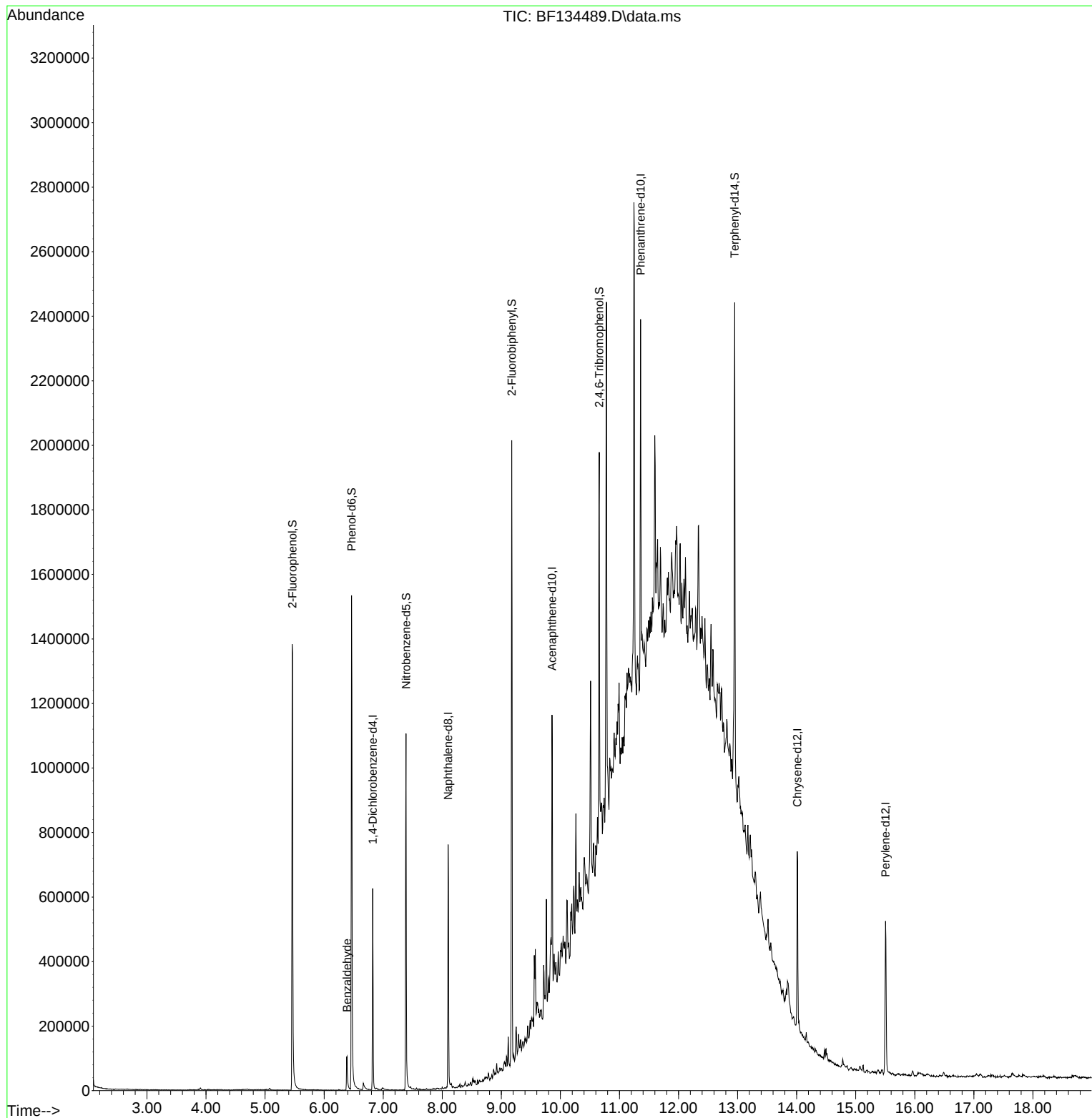
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	85955	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	336375	20.000	ng	#-0.02
39) Acenaphthene-d10	9.857	164	168287	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	306664	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	192020	20.000	ng	#-0.02
86) Perylene-d12	15.504	264	217965	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	410683	78.940	ng	0.00
7) Phenol-d6	6.463	99	479389	75.209	ng	-0.02
23) Nitrobenzene-d5	7.387	82	327966	49.330	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	158353	66.227	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	546932	42.666	ng	-0.02
79) Terphenyl-d14	12.951	244	510717	46.430	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	26620	7.799	ng	91

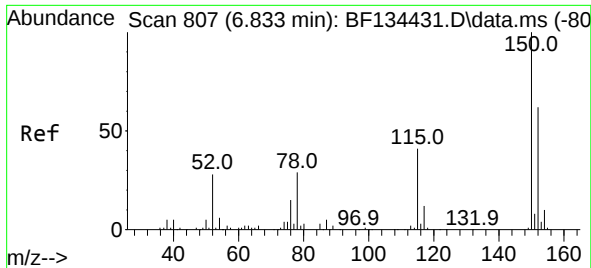
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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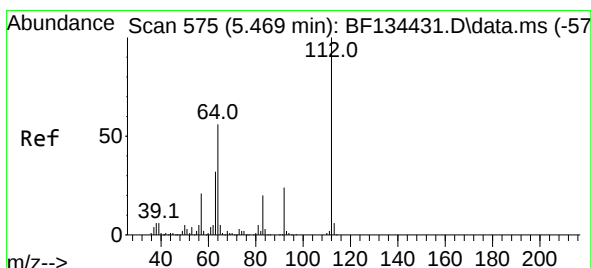
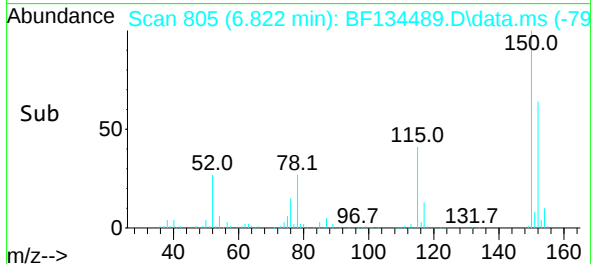
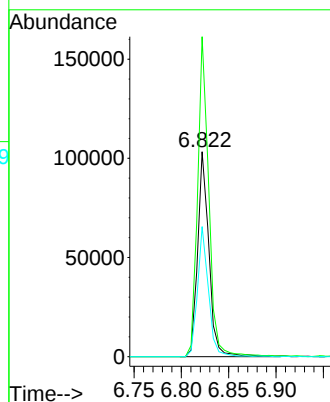
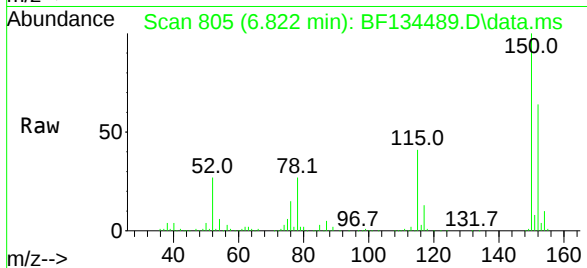




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

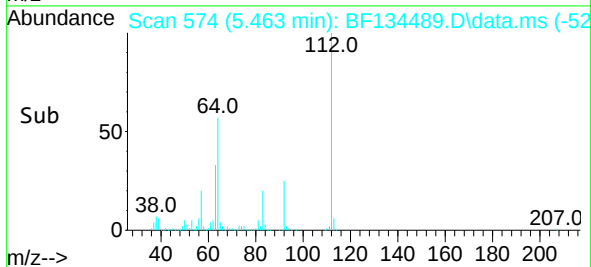
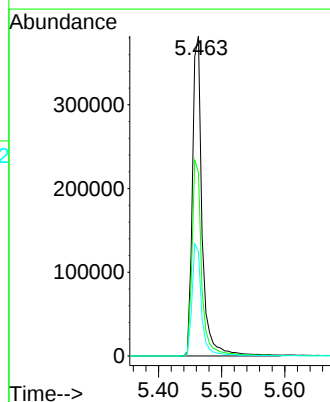
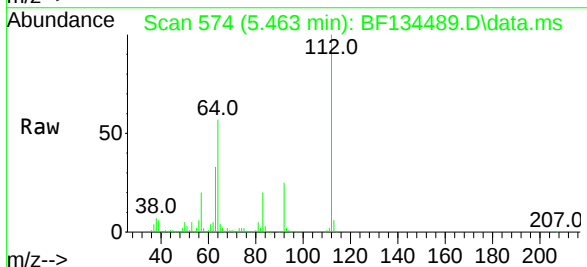
Instrument :
BNA_F
ClientSampleId :
WC-1

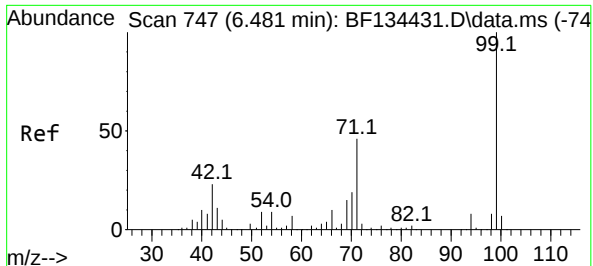
Tgt Ion:152 Resp: 85955
Ion Ratio Lower Upper
152 100
150 156.2 128.3 192.5
115 63.5 52.4 78.6



#5
2-Fluorophenol
Concen: 78.940 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

Tgt Ion:112 Resp: 410683
Ion Ratio Lower Upper
112 100
64 57.4 44.9 67.3
63 32.7 25.4 38.0

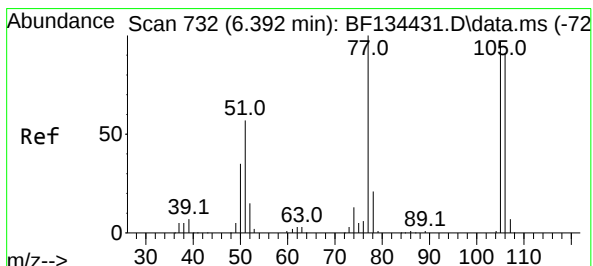
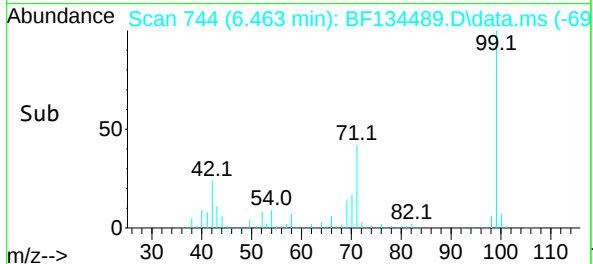
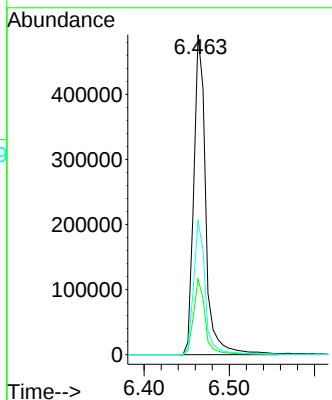
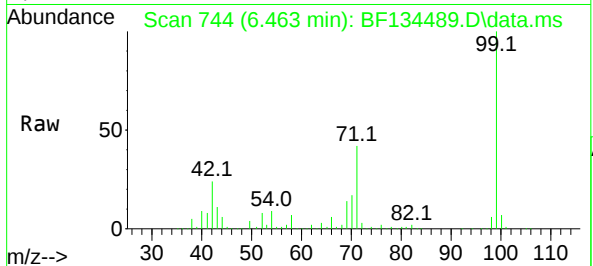




#7
Phenol-d6
Concen: 75.209 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.017 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

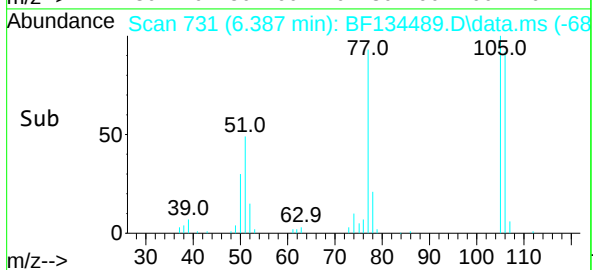
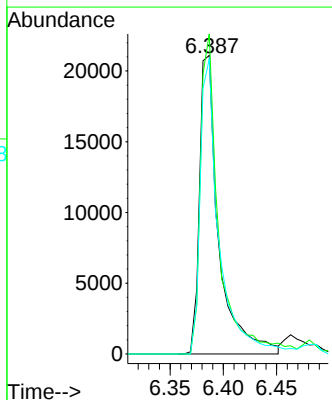
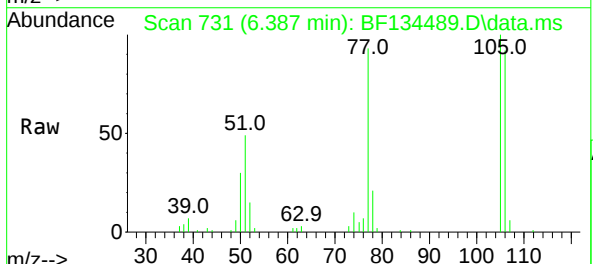
Instrument :
BNA_F
ClientSampleId :
WC-1

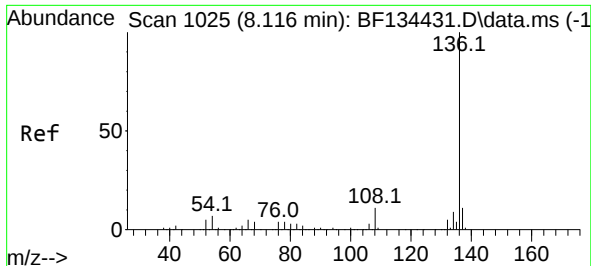
Tgt Ion: 99 Resp: 479389
Ion Ratio Lower Upper
99 100
42 23.6 18.7 28.1
71 41.8 36.4 54.6



#9
Benzaldehyde
Concen: 7.799 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.005 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

Tgt Ion: 77 Resp: 26620
Ion Ratio Lower Upper
77 100
105 107.2 77.1 117.1
106 98.8 71.4 111.4

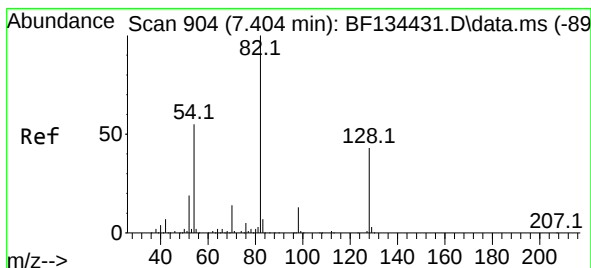
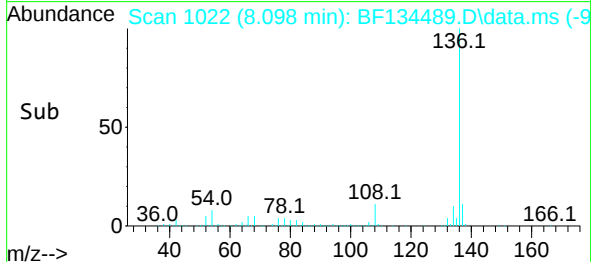
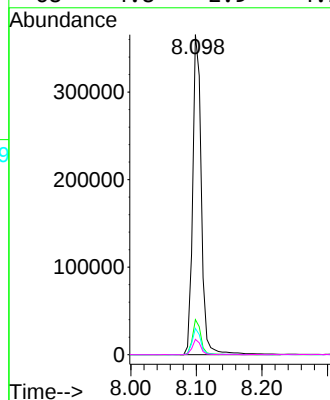
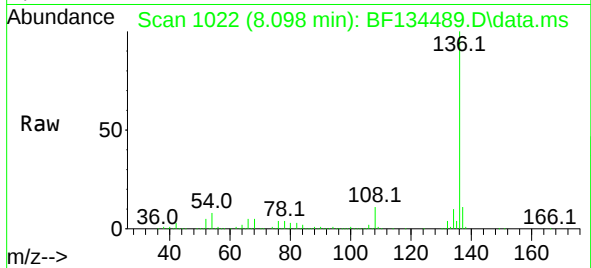




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1025
Delta R.T. -0.017 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

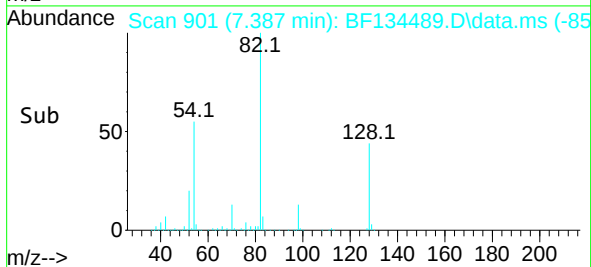
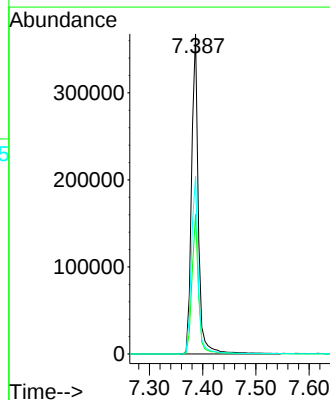
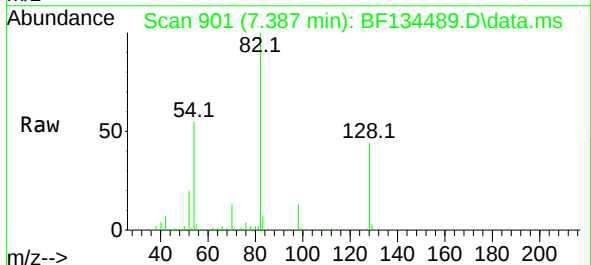
Instrument :
BNA_F
ClientSampleId :
WC-1

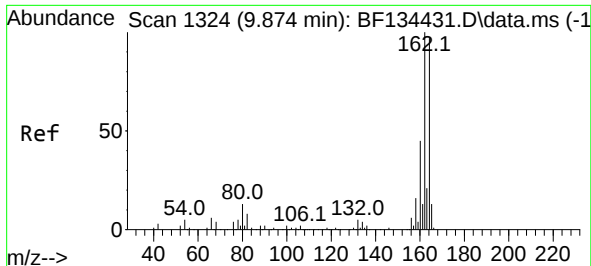
Tgt Ion:136 Resp: 336375
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 5.2 7.8#
68 4.8 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 49.330 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.017 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

Tgt Ion: 82 Resp: 327966
Ion Ratio Lower Upper
82 100
128 43.8 34.3 51.5
54 55.5 43.8 65.6

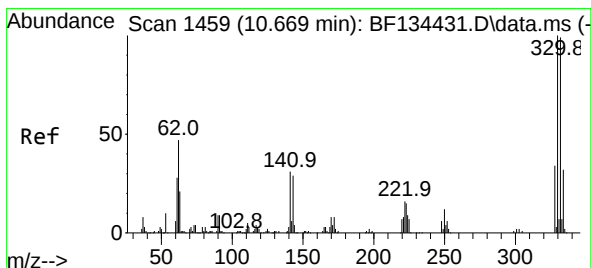
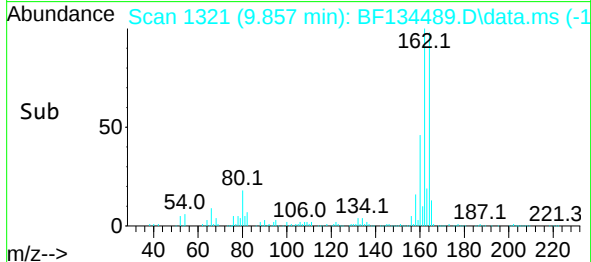
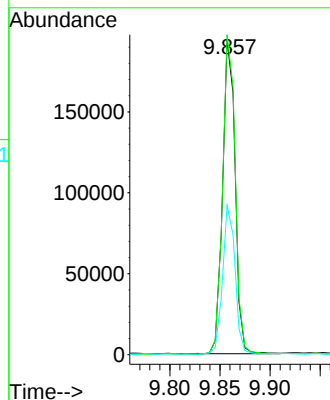
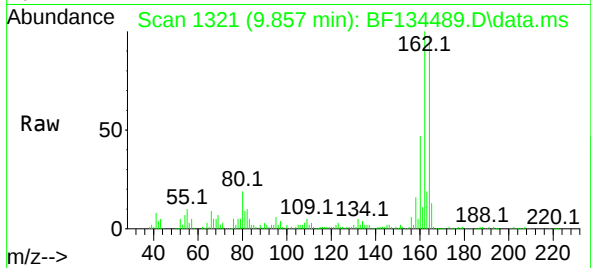




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

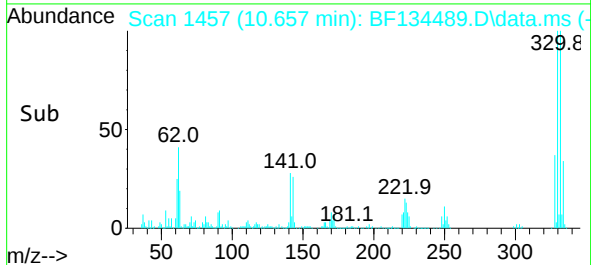
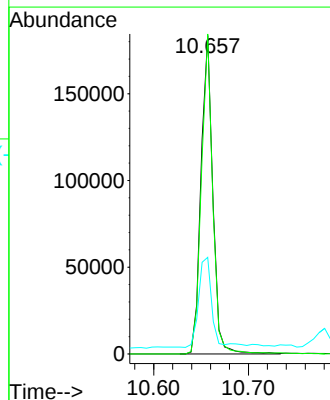
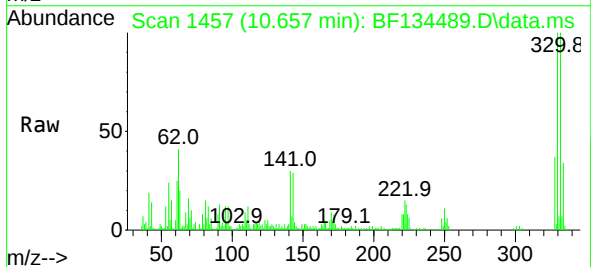
Instrument :
BNA_F
ClientSampleId :
WC-1

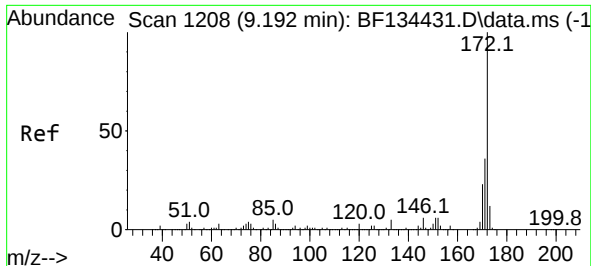
Tgt Ion:164 Resp: 168287
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 47.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 66.227 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

Tgt Ion:330 Resp: 158353
Ion Ratio Lower Upper
330 100
332 97.4 78.8 118.2
141 30.3 25.4 38.2

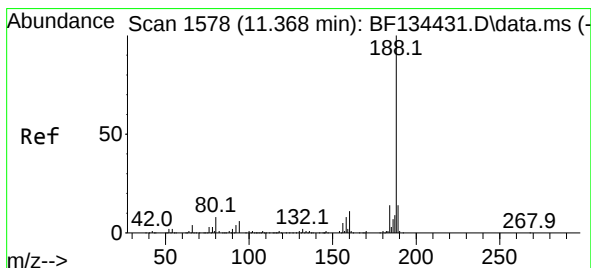
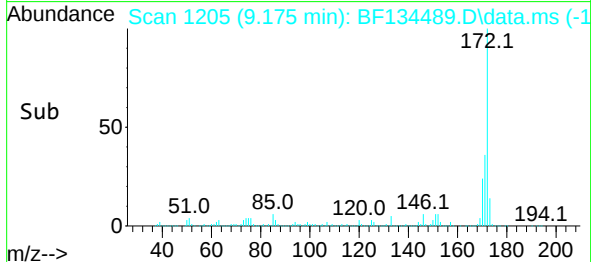
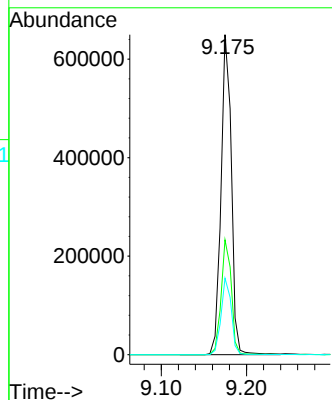
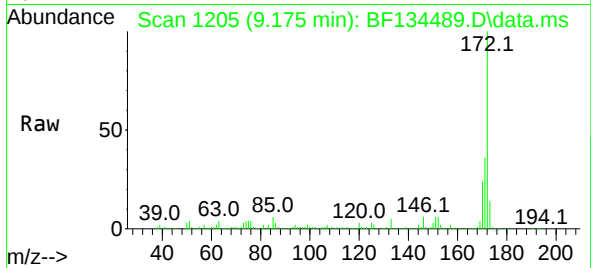




#45
2-Fluorobiphenyl
Concen: 42.666 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

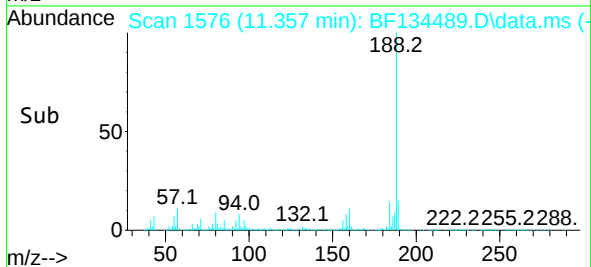
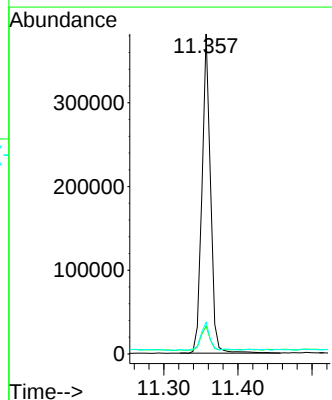
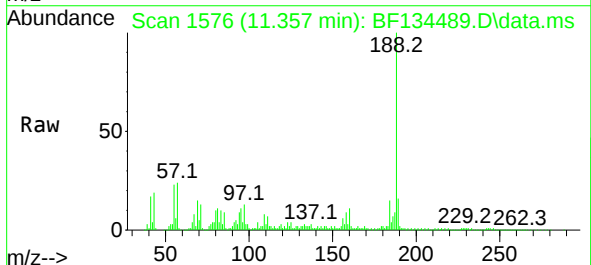
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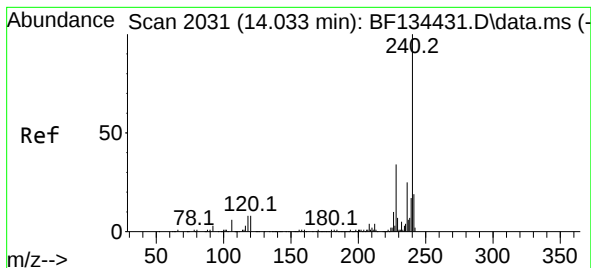
Tgt Ion:172 Resp: 546932
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF134489.D
Acq: 26 Jul 2023 19:05

Tgt Ion:188 Resp: 306664
Ion Ratio Lower Upper
188 100
94 8.7 5.1 7.7#
80 9.9 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.023 min

Lab File: BF134489.D

Acq: 26 Jul 2023 19:05

Instrument :

BNA_F

ClientSampleId :

WC-1

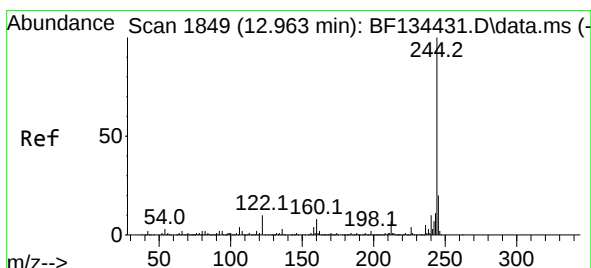
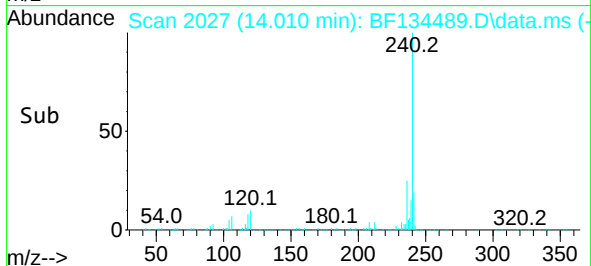
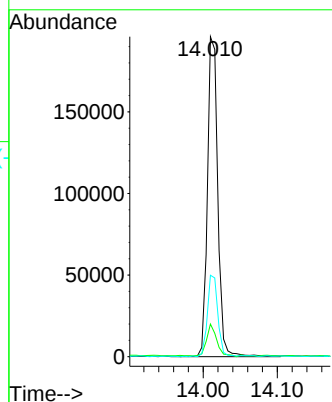
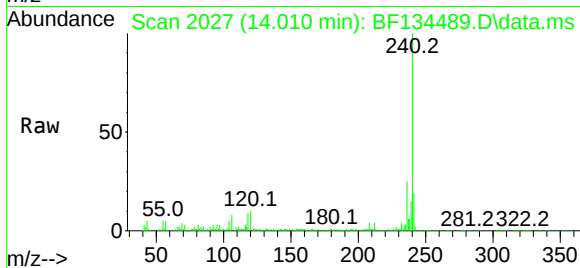
Tgt Ion:240 Resp: 192020

Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 46.430 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.012 min

Lab File: BF134489.D

Acq: 26 Jul 2023 19:05

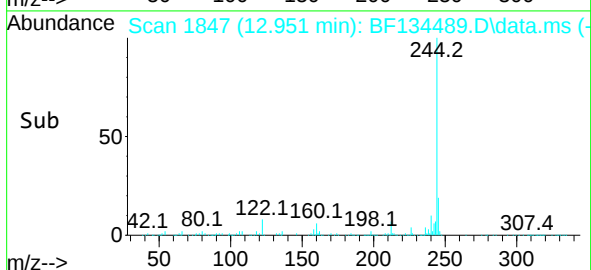
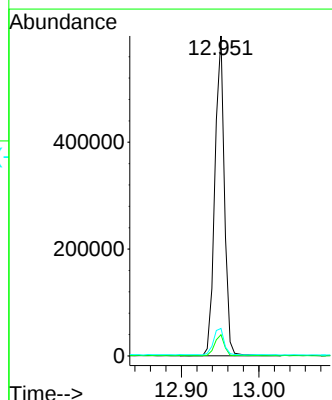
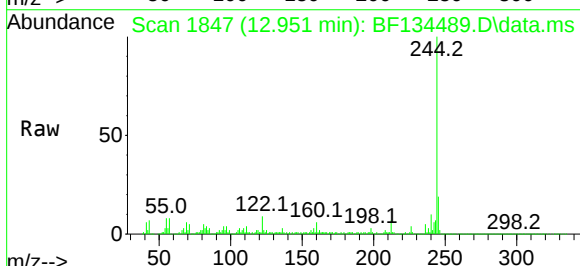
Tgt Ion:244 Resp: 510717

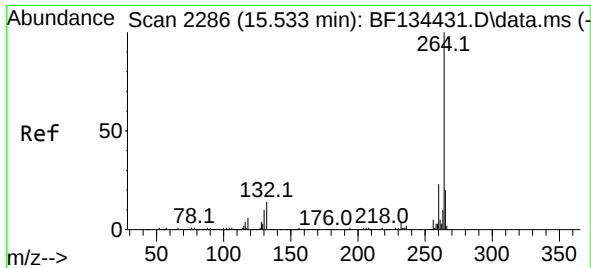
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

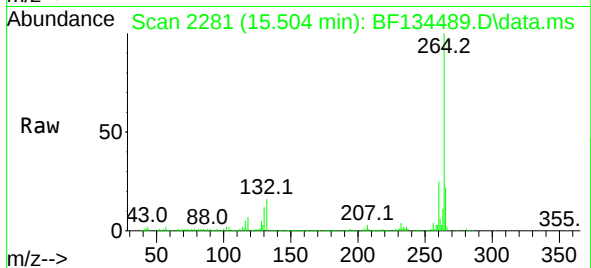
122 8.6 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF134489.D
 Acq: 26 Jul 2023 19:05

Instrument :
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Tgt Ion:264 Resp: 217965
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 22.3 15.8 23.8

