

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134482.D
 Acq On : 26 Jul 2023 15:09
 Operator : CG\JU
 Sample : 03697-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

Quant Time: Jul 26 15:56:38 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	95470	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	300128	20.000	ng	#-0.02
39) Acenaphthene-d10	9.857	164	125328	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	303873	20.000	ng	#-0.02
76) Chrysene-d12	14.016	240	242960	20.000	ng	-0.02
86) Perylene-d12	15.510	264	197934	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	405142	70.113	ng	0.00
7) Phenol-d6	6.469	99	667389	94.269	ng	-0.01
23) Nitrobenzene-d5	7.387	82	438963	73.999	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	180516	101.374	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	752540	78.827	ng	-0.01
79) Terphenyl-d14	12.951	244	939949	67.535	ng	-0.01

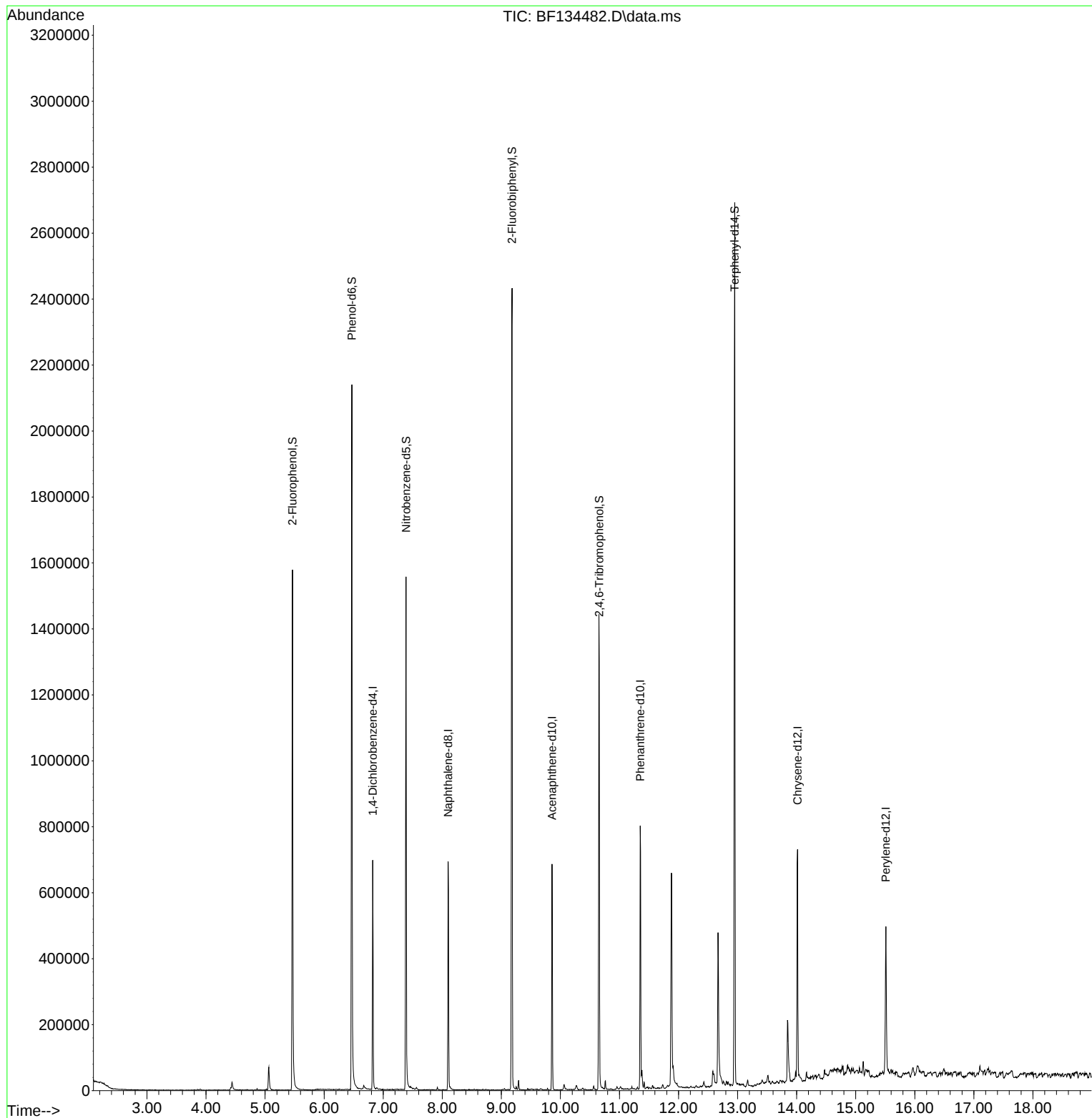
Target Compounds	Qvalue

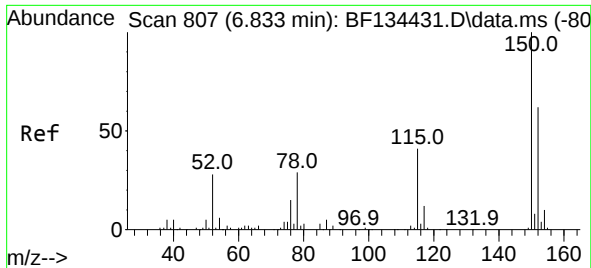
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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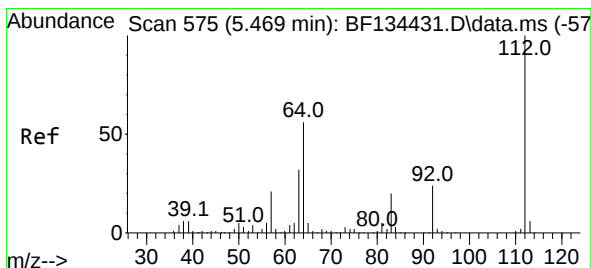
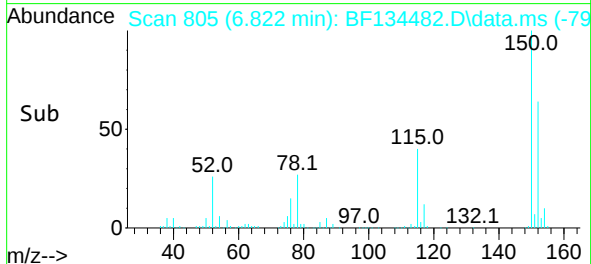
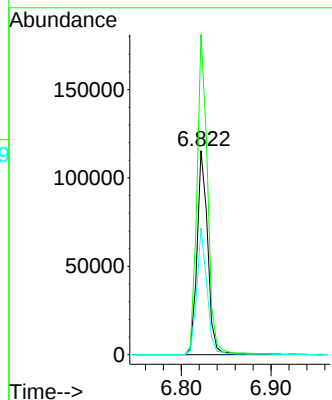
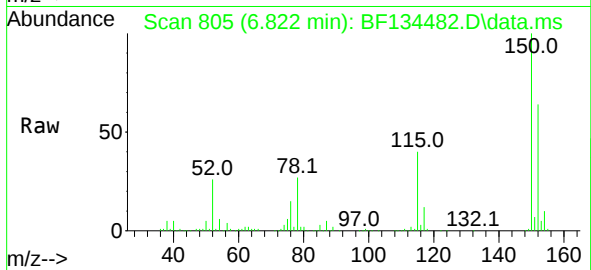




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

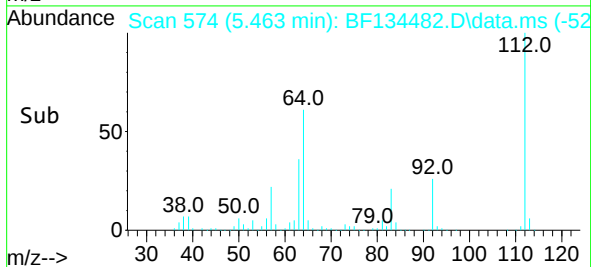
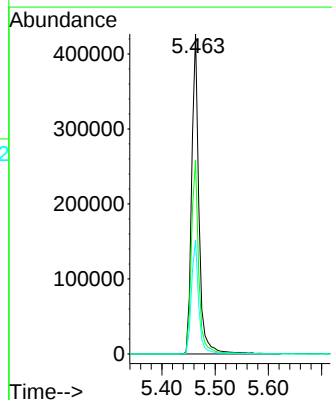
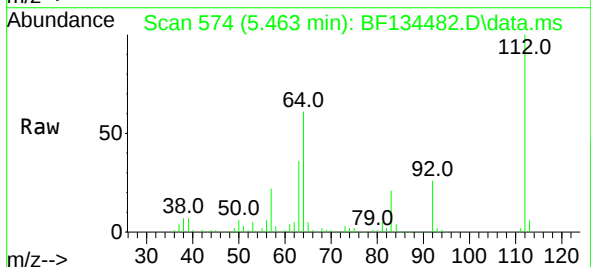
Instrument :
BNA_F
ClientSampleId :
CONC-2

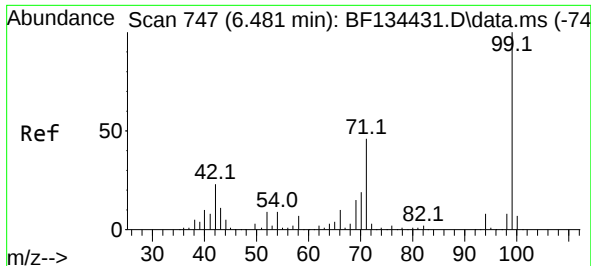
Tgt Ion:152 Resp: 95470
Ion Ratio Lower Upper
152 100
150 156.8 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 70.113 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

Tgt Ion:112 Resp: 405142
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 35.5 25.4 38.0

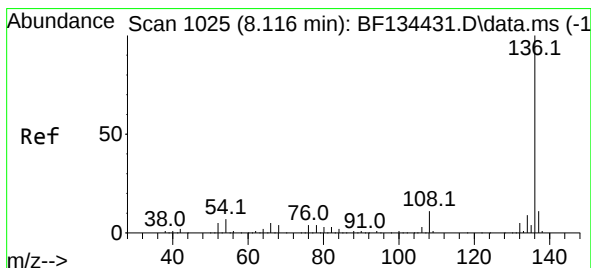
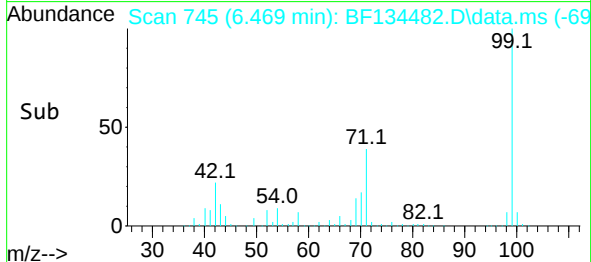
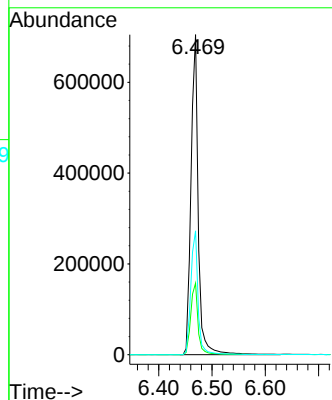
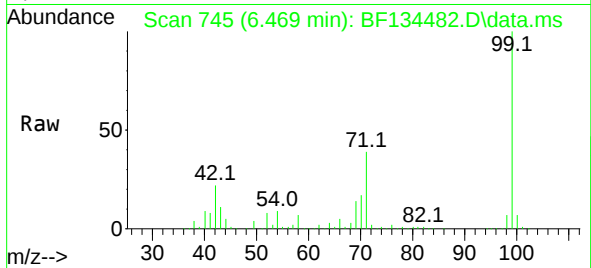




#7
Phenol-d6
Concen: 94.269 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

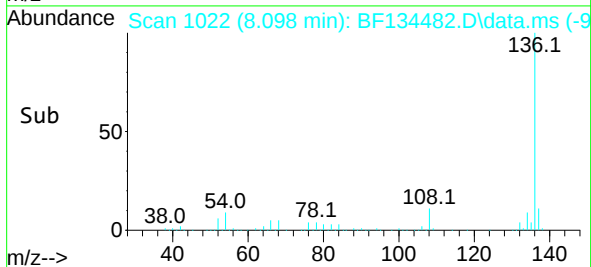
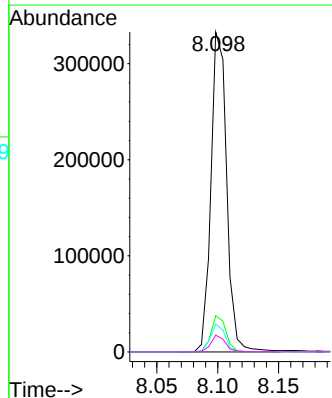
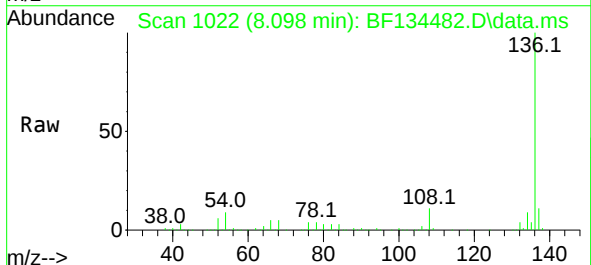
Instrument :
BNA_F
ClientSampleId :
CONC-2

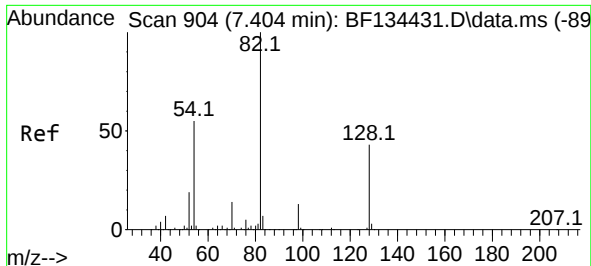
Tgt Ion: 99 Resp: 667389
Ion Ratio Lower Upper
99 100
42 22.3 18.7 28.1
71 38.7 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.017 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

Tgt Ion: 136 Resp: 300128
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.7 5.2 7.8#
68 5.3 2.9 4.3#

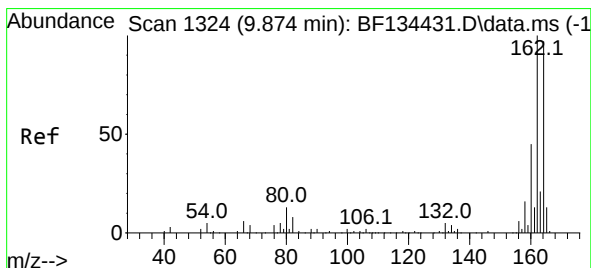
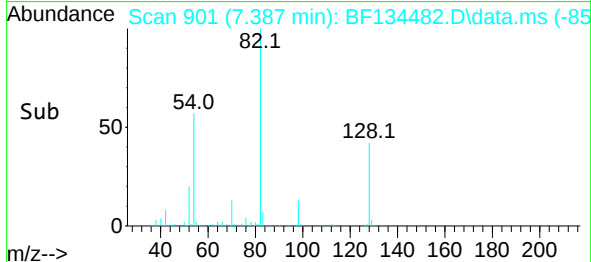
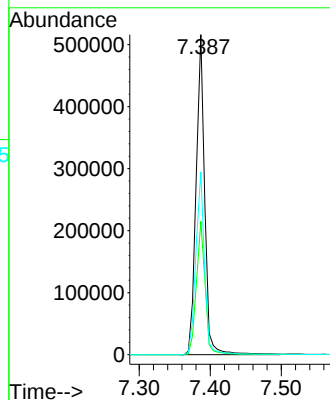
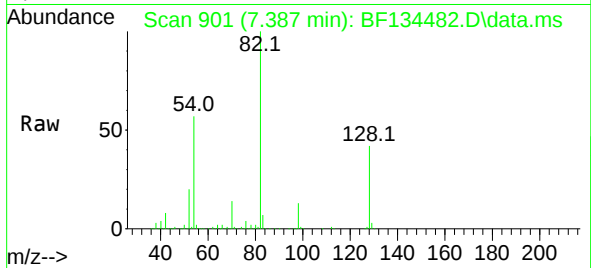




#23
Nitrobenzene-d5
Concen: 73.999 ng
RT: 7.387 min Scan# 904
Delta R.T. -0.017 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

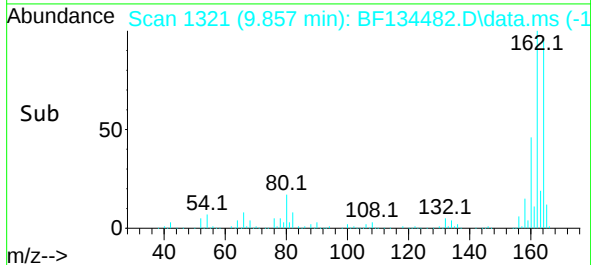
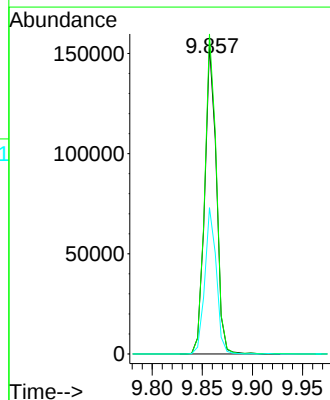
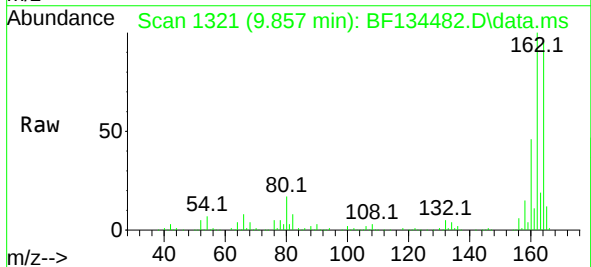
Instrument :
BNA_F
ClientSampleId :
CONC-2

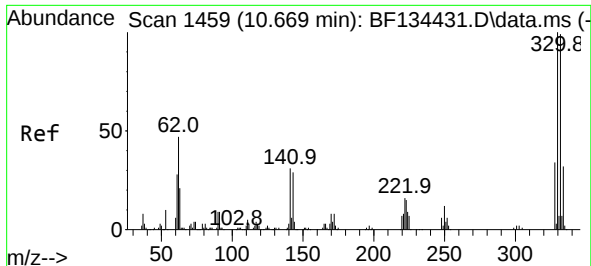
Tgt Ion: 82 Resp: 438963
Ion Ratio Lower Upper
82 100
128 41.7 34.3 51.5
54 57.1 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

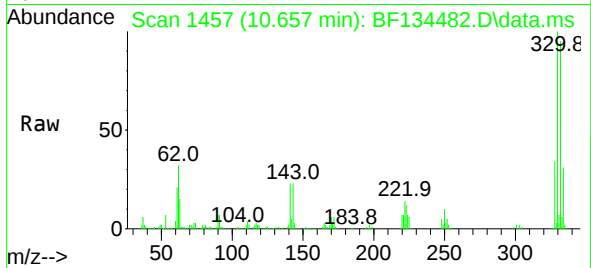
Tgt Ion:164 Resp: 125328
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 47.4 37.2 55.8



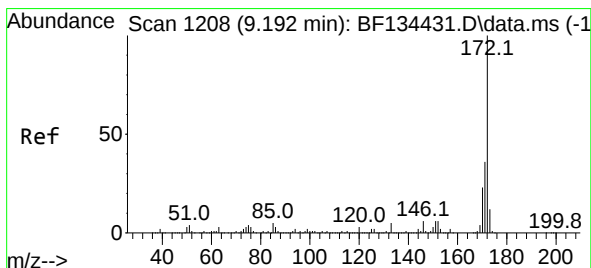
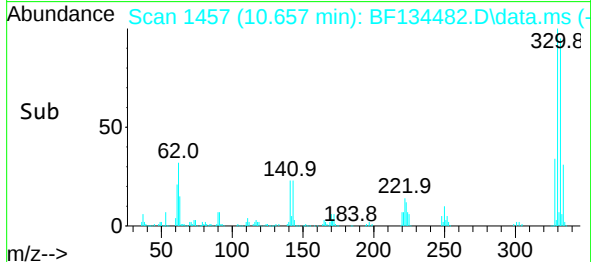
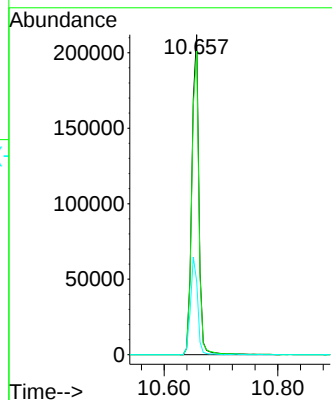


#42
 2,4,6-Tribromophenol
 Concen: 101.374 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.012 min
 Lab File: BF134482.D
 Acq: 26 Jul 2023 15:09

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2

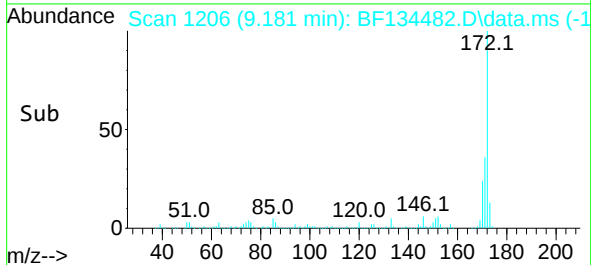
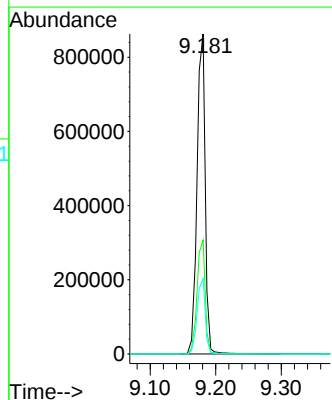
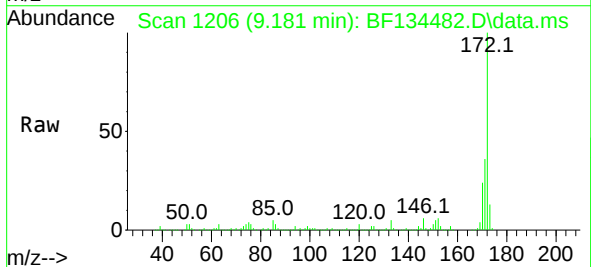


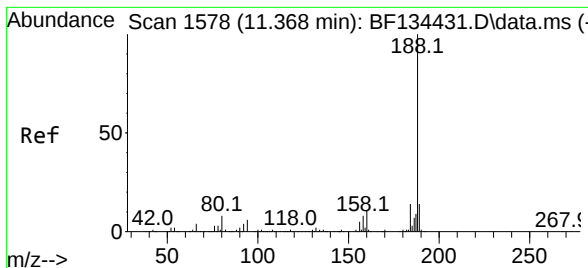
Tgt Ion:330 Resp: 180516
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.8 118.2
 141 30.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 78.827 ng
 RT: 9.181 min Scan# 1206
 Delta R.T. -0.012 min
 Lab File: BF134482.D
 Acq: 26 Jul 2023 15:09

Tgt Ion:172 Resp: 752540
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.8 43.2
 170 23.5 18.7 28.1

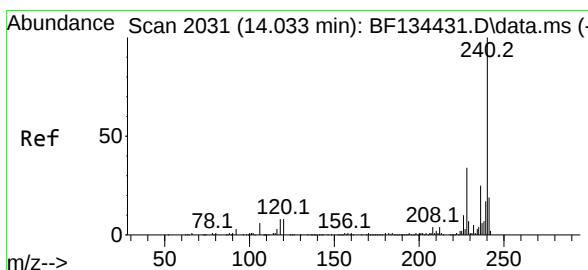
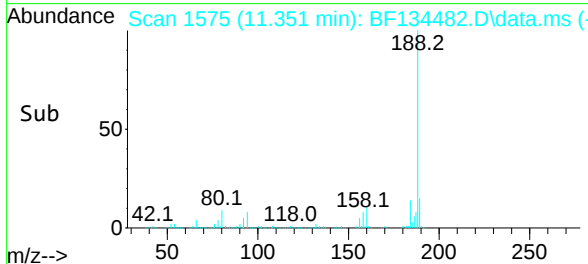
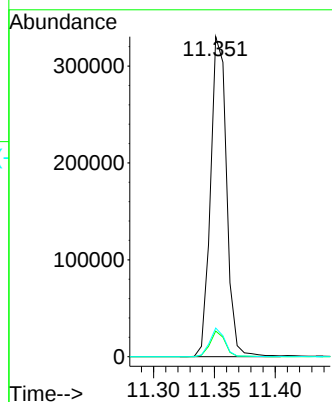
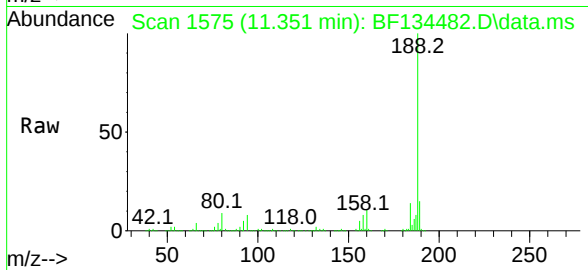




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

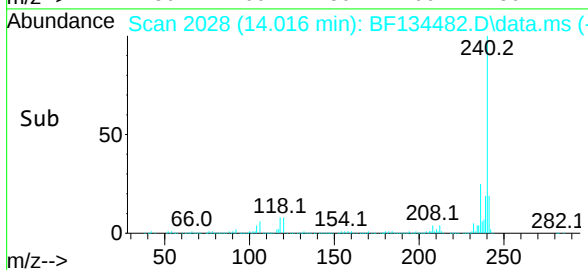
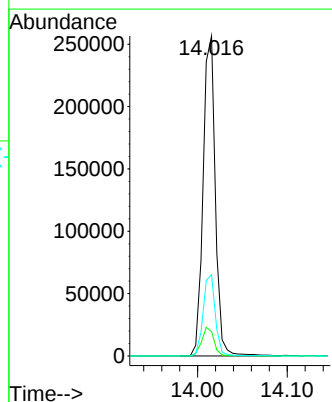
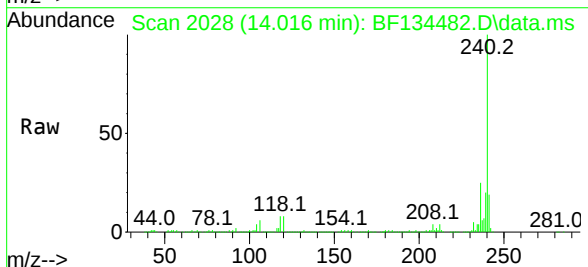
Instrument :
BNA_F
ClientSampleId :
CONC-2

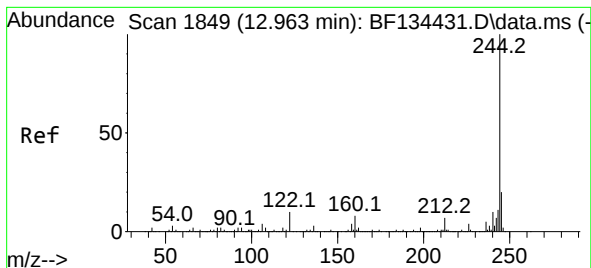
Tgt Ion:188 Resp: 303873
Ion Ratio Lower Upper
188 100
94 8.0 5.1 7.7#
80 9.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BF134482.D
Acq: 26 Jul 2023 15:09

Tgt Ion:240 Resp: 242960
Ion Ratio Lower Upper
240 100
120 7.6 6.6 10.0
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 67.535 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.012 min

Lab File: BF134482.D

Acq: 26 Jul 2023 15:09

Instrument :

BNA_F

ClientSampleId :

CONC-2

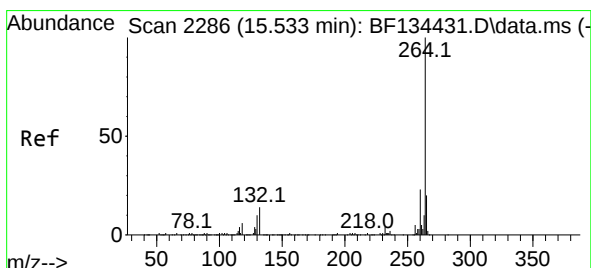
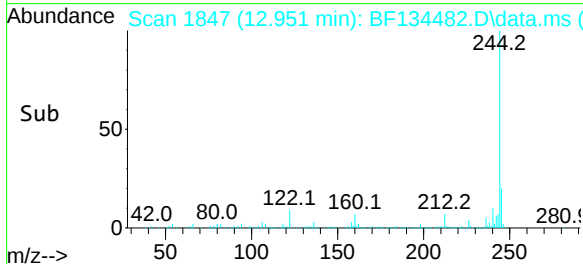
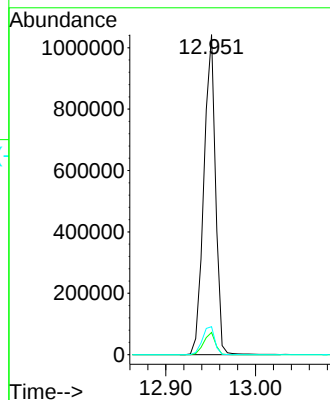
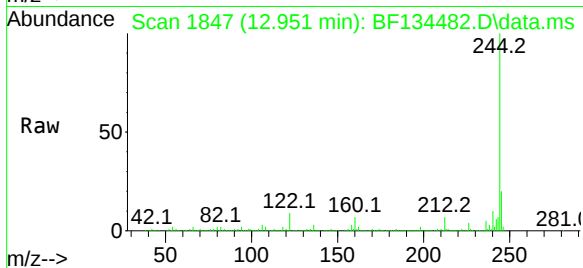
Tgt Ion:244 Resp: 939949

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 8.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.023 min

Lab File: BF134482.D

Acq: 26 Jul 2023 15:09

Tgt Ion:264 Resp: 197934

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 20.7 15.8 23.8

