

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134487.D
 Acq On : 26 Jul 2023 17:58
 Operator : CG\JU
 Sample : 03717-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jul 26 18:42:37 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	56099	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	211988	20.000	ng	#-0.02
39) Acenaphthene-d10	9.857	164	115471	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	243399	20.000	ng	#-0.02
76) Chrysene-d12	14.010	240	257260	20.000	ng	#-0.02
86) Perylene-d12	15.504	264	314467	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	425298	125.256	ng	0.00
7) Phenol-d6	6.469	99	459135	110.367	ng	-0.01
23) Nitrobenzene-d5	7.387	82	376030	89.746	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	232098	141.468	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	754538	85.784	ng	-0.01
79) Terphenyl-d14	12.951	244	1084540	73.593	ng	-0.01

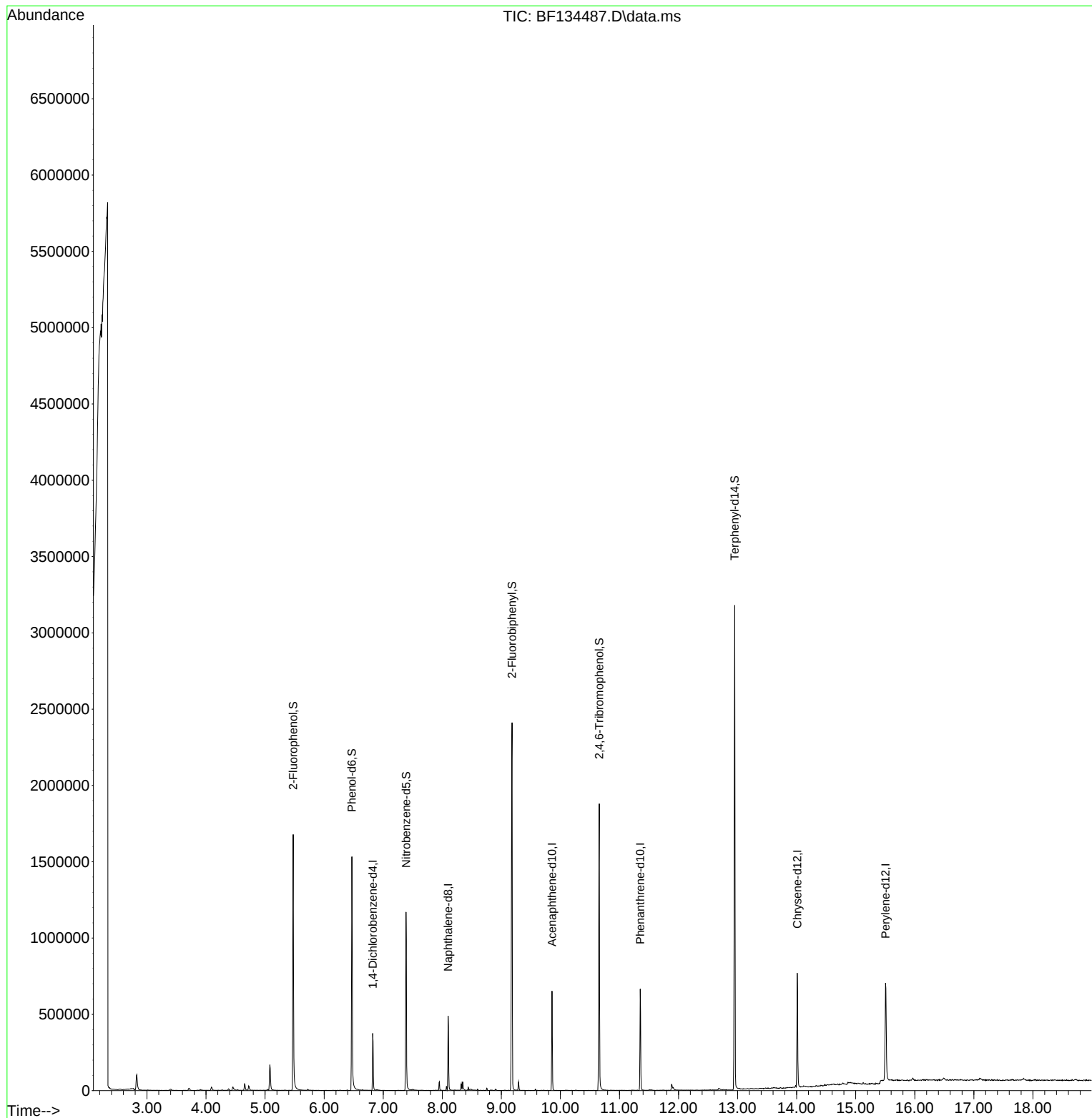
Target Compounds	Qvalue

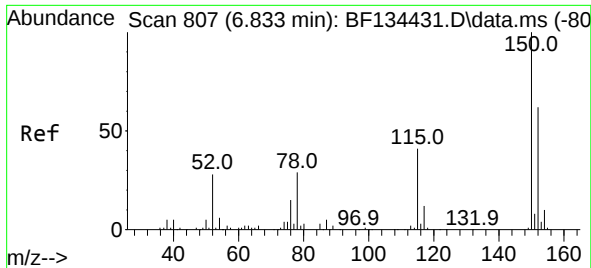
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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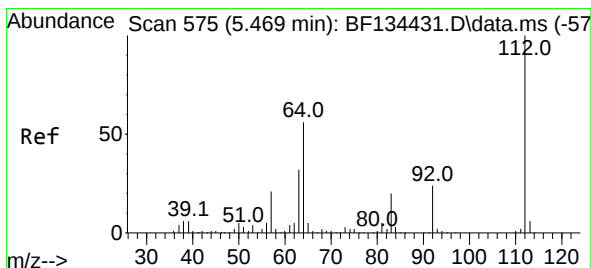
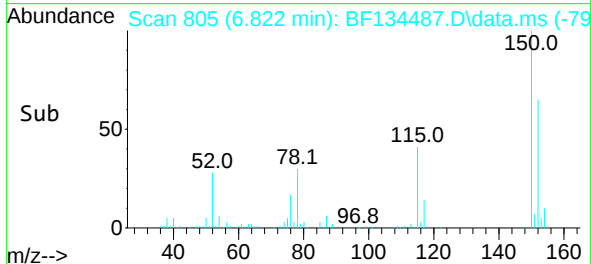
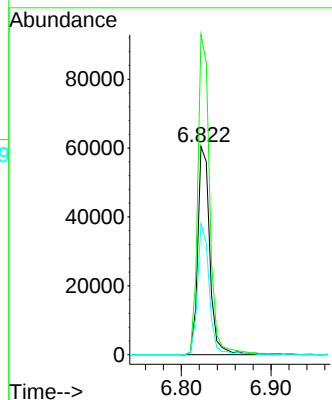
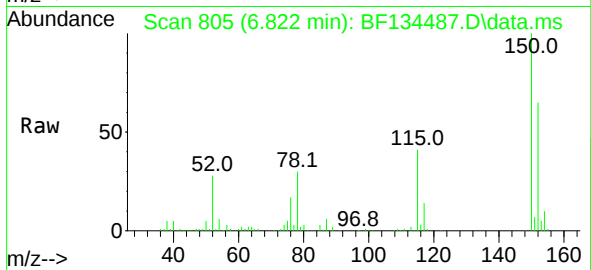




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF134487.D
Acq: 26 Jul 2023 17:58

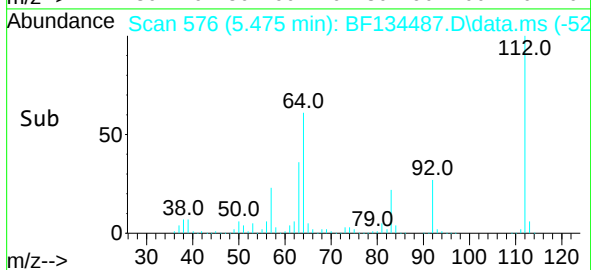
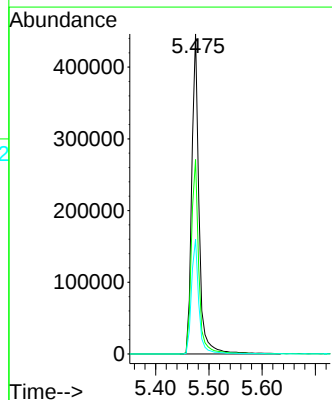
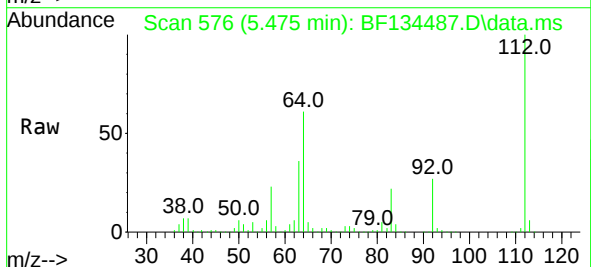
Instrument :
BNA_F
ClientSampleId :
TP-2

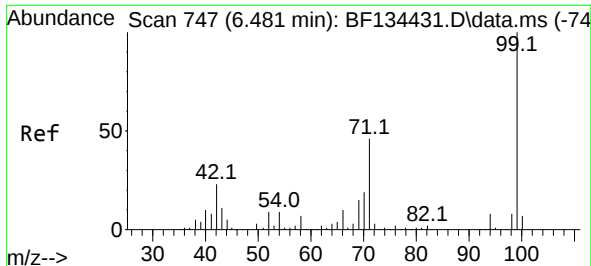
Tgt Ion:152 Resp: 56099
Ion Ratio Lower Upper
152 100
150 153.8 128.3 192.5
115 63.0 52.4 78.6



#5
2-Fluorophenol
Concen: 125.256 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134487.D
Acq: 26 Jul 2023 17:58

Tgt Ion:112 Resp: 425298
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 35.9 25.4 38.0

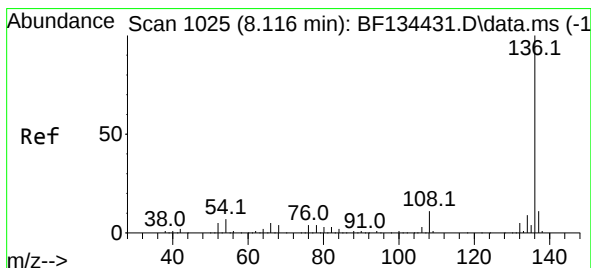
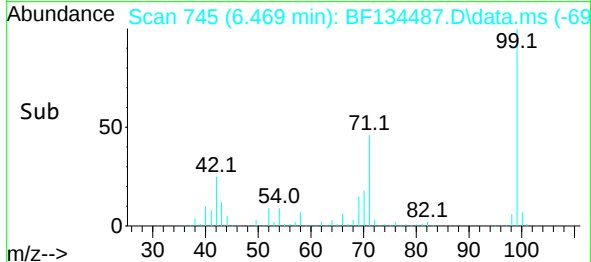
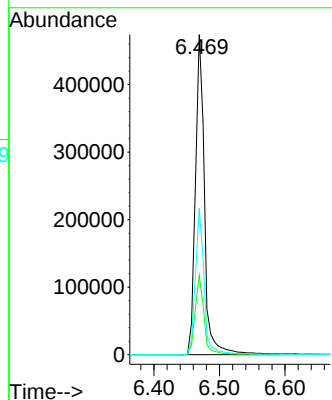
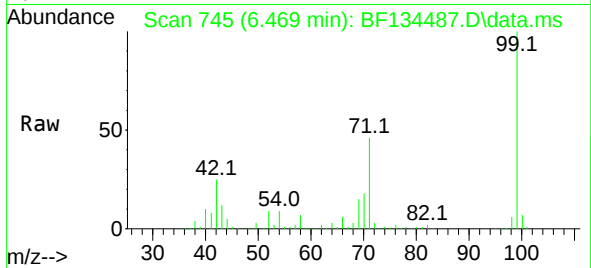




#7
Phenol-d6
Concen: 110.367 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134487.D
Acq: 26 Jul 2023 17:58

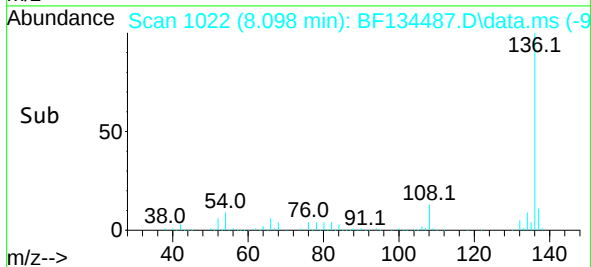
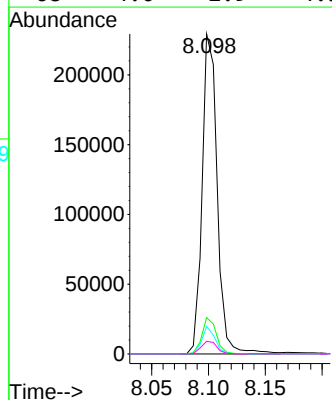
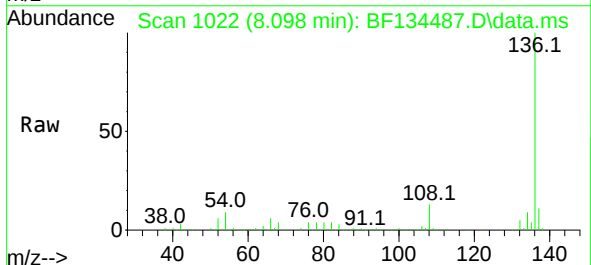
Instrument :
BNA_F
ClientSampleId :
TP-2

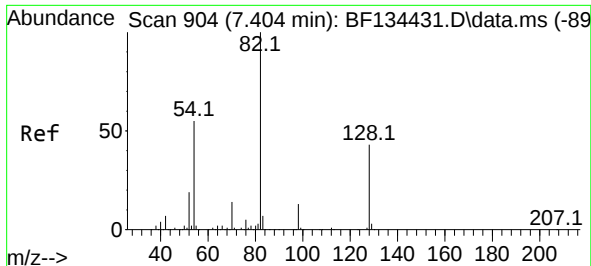
Tgt Ion: 99 Resp: 459135
Ion Ratio Lower Upper
99 100
42 24.8 18.7 28.1
71 45.8 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.017 min
Lab File: BF134487.D
Acq: 26 Jul 2023 17:58

Tgt Ion: 136 Resp: 211988
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.6 5.2 7.8#
68 4.0 2.9 4.3

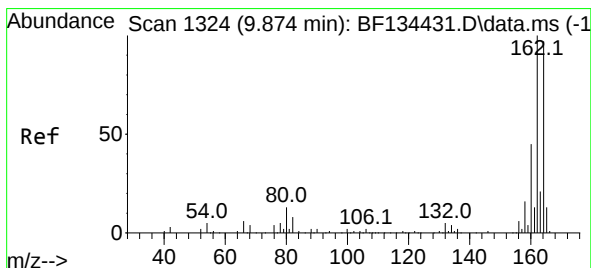
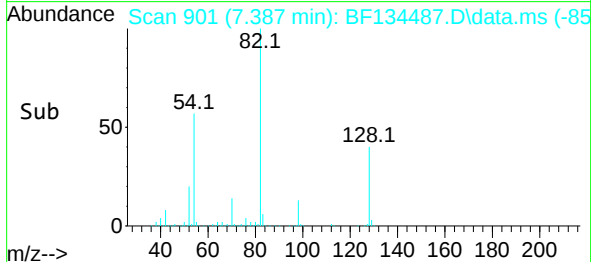
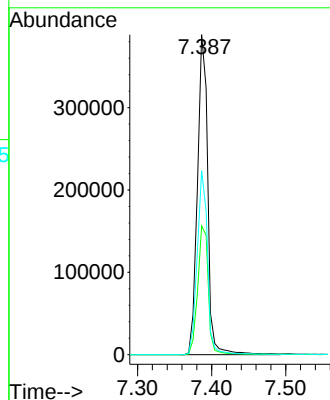
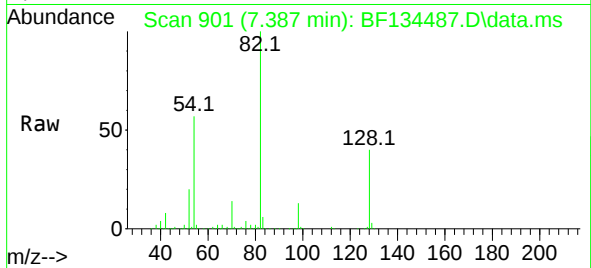




#23
Nitrobenzene-d5
Concen: 89.746 ng
RT: 7.387 min Scan# 904
Delta R.T. -0.017 min
Lab File: BF134487.D
Acq: 26 Jul 2023 17:58

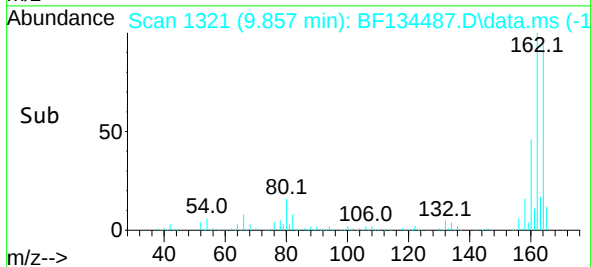
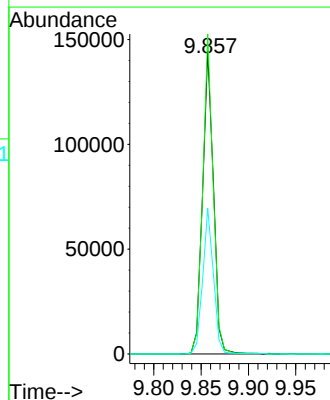
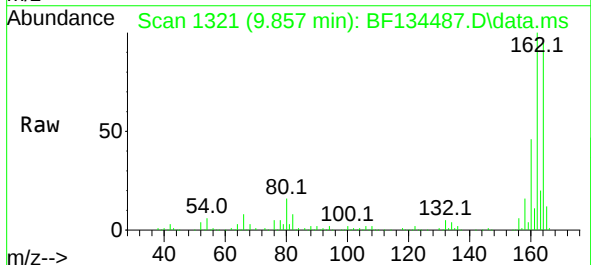
Instrument :
BNA_F
ClientSampleId :
TP-2

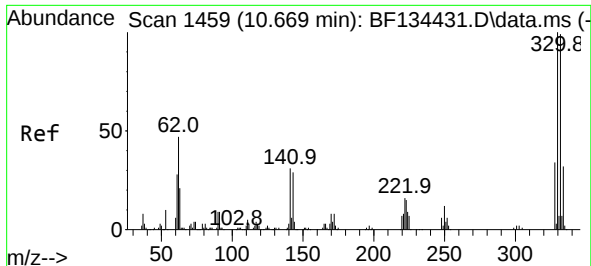
Tgt Ion: 82 Resp: 376030
Ion Ratio Lower Upper
82 100
128 40.3 34.3 51.5
54 57.5 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF134487.D
Acq: 26 Jul 2023 17:58

Tgt Ion:164 Resp: 115471
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 48.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 141.468 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF134487.D

Acq: 26 Jul 2023 17:58

Instrument :

BNA_F

ClientSampleId :

TP-2

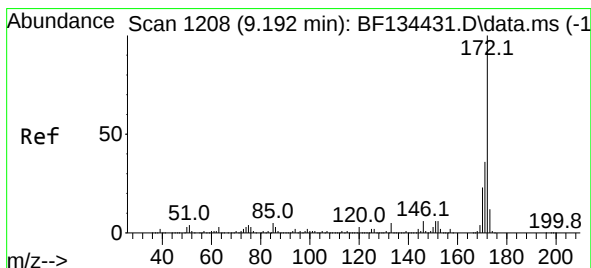
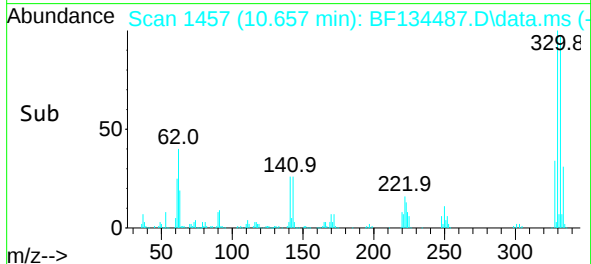
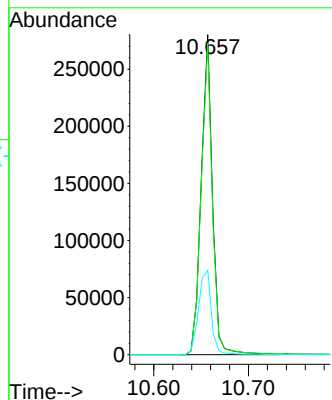
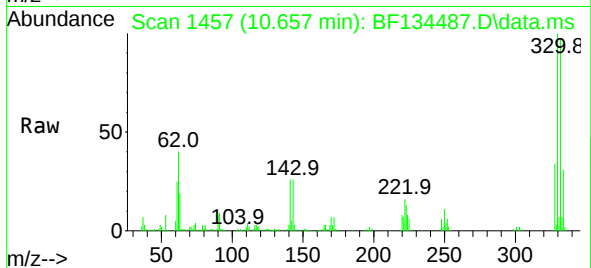
Tgt Ion:330 Resp: 232098

Ion Ratio Lower Upper

330 100

332 97.4 78.8 118.2

141 30.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 85.784 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.012 min

Lab File: BF134487.D

Acq: 26 Jul 2023 17:58

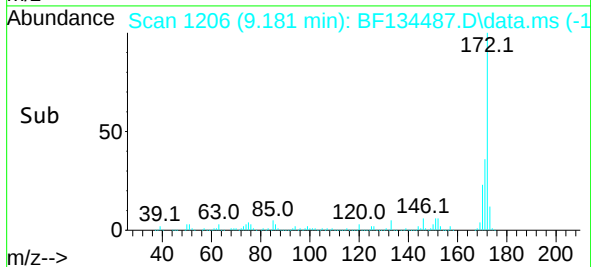
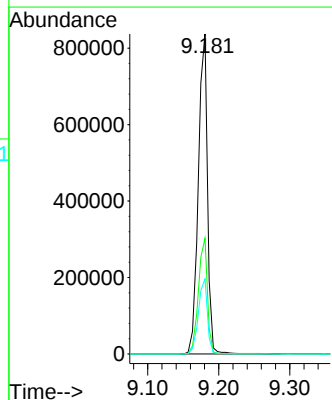
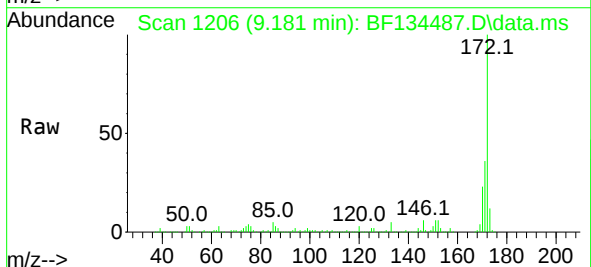
Tgt Ion:172 Resp: 754538

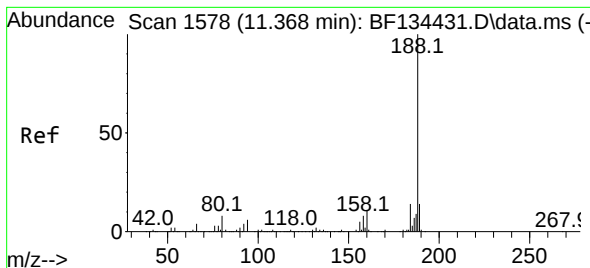
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF134487.D

Acq: 26 Jul 2023 17:58

Instrument :

BNA_F

ClientSampleId :

TP-2

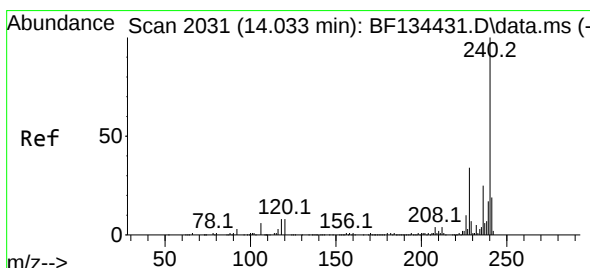
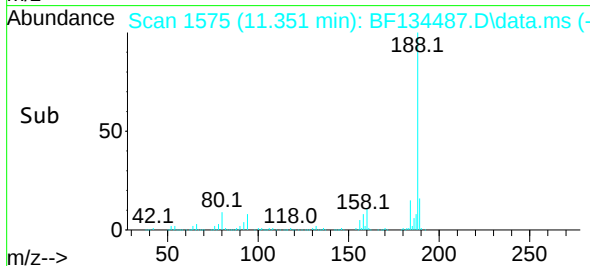
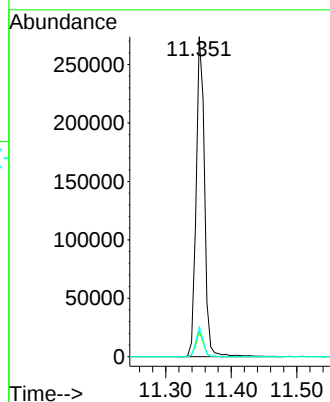
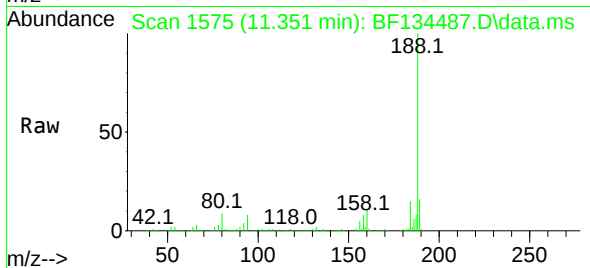
Tgt Ion:188 Resp: 243399

Ion Ratio Lower Upper

188 100

94 7.9 5.1 7.7#

80 9.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.023 min

Lab File: BF134487.D

Acq: 26 Jul 2023 17:58

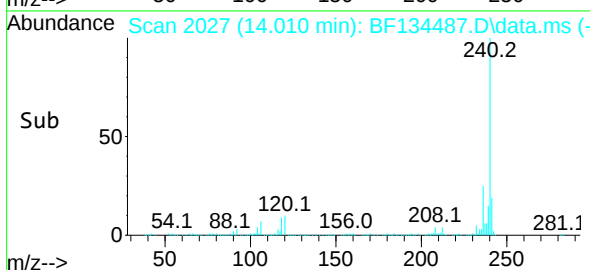
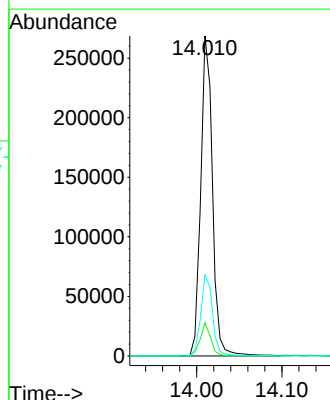
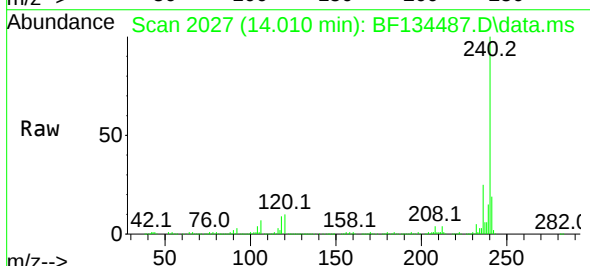
Tgt Ion:240 Resp: 257260

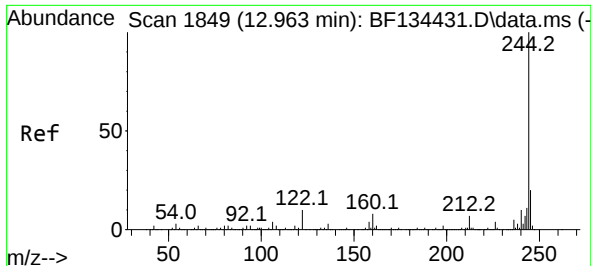
Ion Ratio Lower Upper

240 100

120 10.4 6.6 10.0#

236 25.4 20.2 30.2

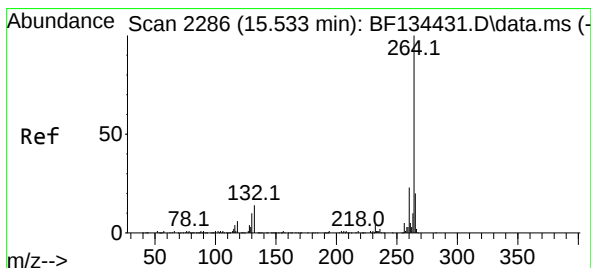
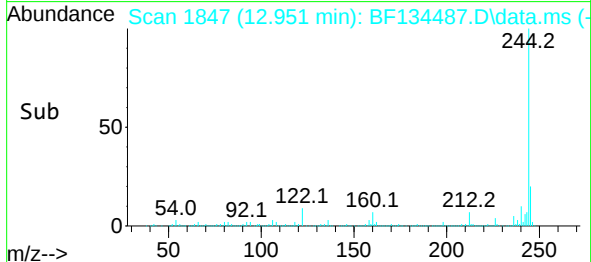
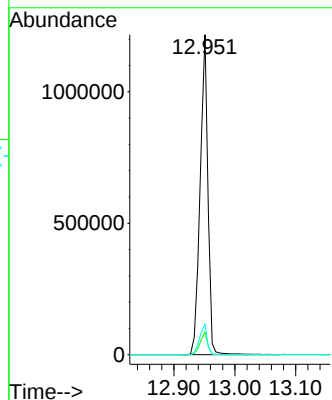
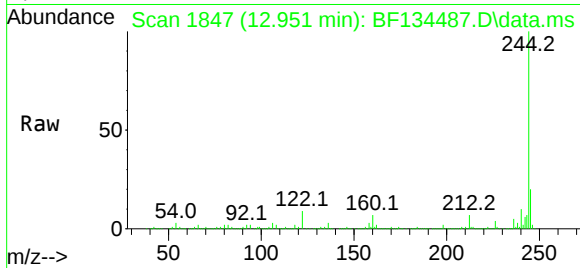




#79
 Terphenyl-d14
 Concen: 73.593 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF134487.D
 Acq: 26 Jul 2023 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1084540
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.029 min
 Lab File: BF134487.D
 Acq: 26 Jul 2023 17:58

Tgt Ion:264 Resp: 314467
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.3 15.8 23.8

