

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134187.D
 Acq On : 10 Jul 2023 15:35
 Operator : CG\JU
 Sample : 03507-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-3

Quant Time: Jul 10 16:03:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	117779	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	440898	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	211921	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	379056	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	240104	20.000	ng	-0.02
86) Perylene-d12	15.539	264	276693	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	491603	69.820	ng	-0.01
7) Phenol-d6	6.475	99	592326	68.406	ng	-0.02
23) Nitrobenzene-d5	7.404	82	402326	49.189	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	145832	54.885	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	737403	50.590	ng	-0.01
79) Terphenyl-d14	12.968	244	577166	38.687	ng	-0.02

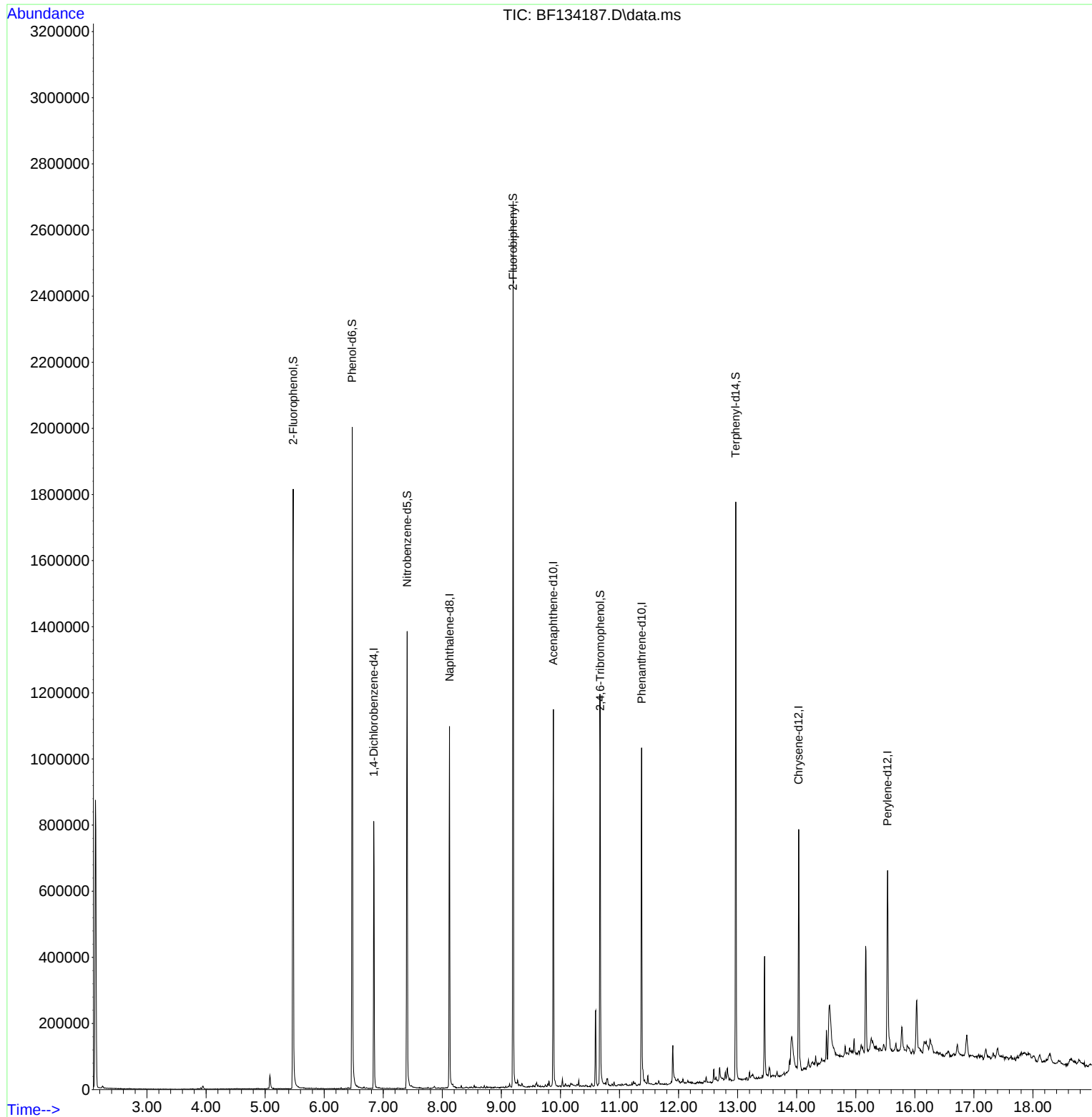
Target Compounds	Qvalue

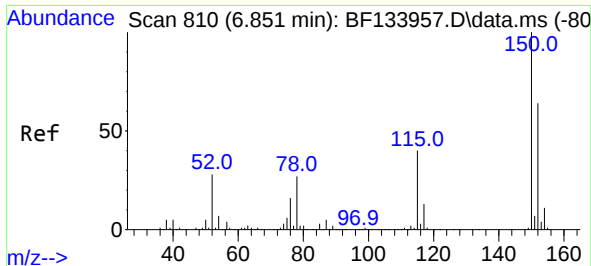
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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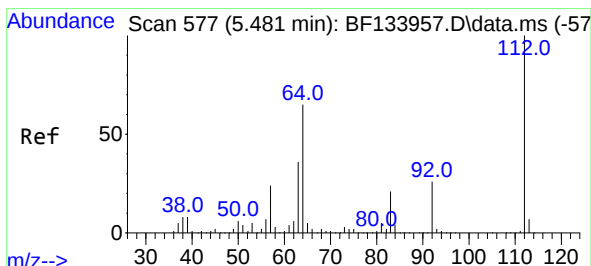
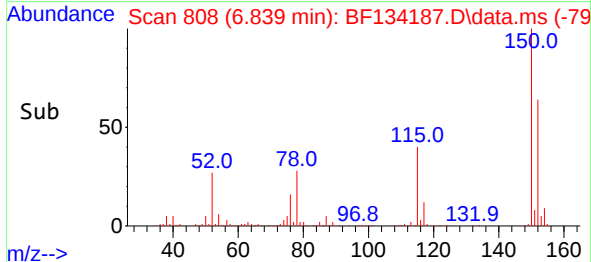
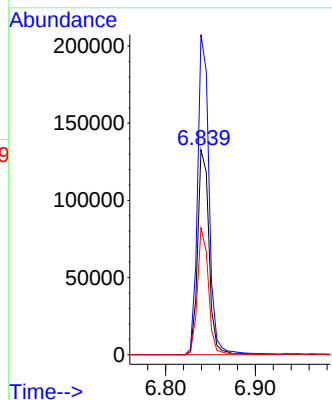
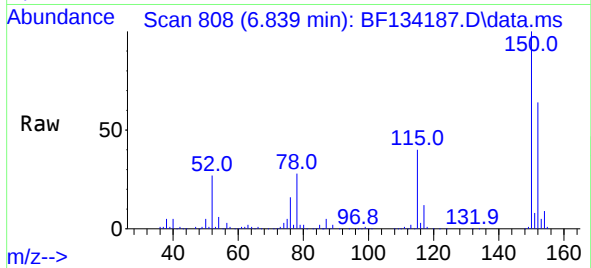




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

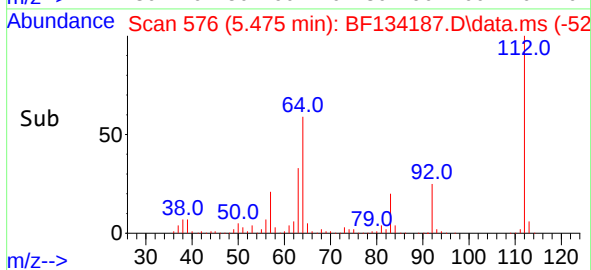
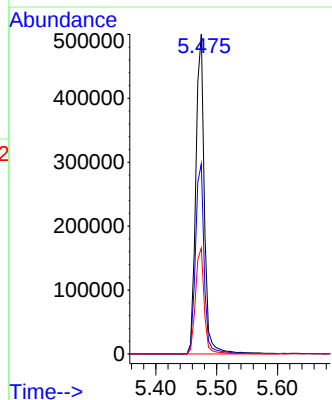
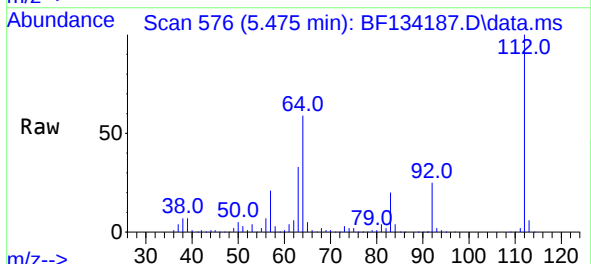
Instrument :
BNA_F
ClientSampleId :
CP-3

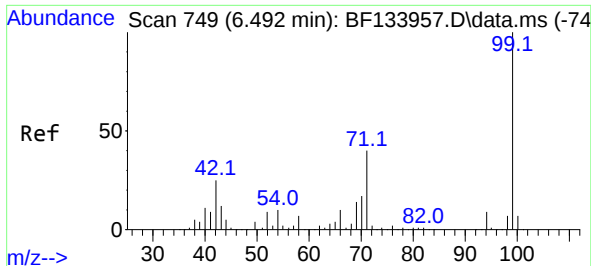
Tgt Ion:152 Resp: 117779
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 61.9 50.2 75.2



#5
2-Fluorophenol
Concen: 69.820 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

Tgt Ion:112 Resp: 491603
Ion Ratio Lower Upper
112 100
64 59.4 52.1 78.1
63 33.1 28.6 42.8

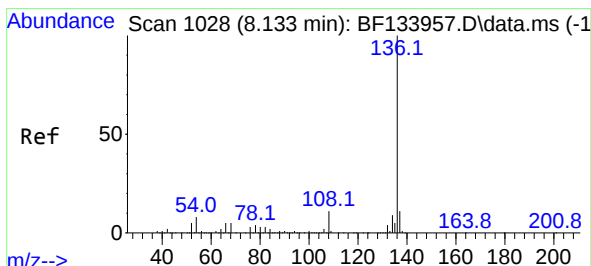
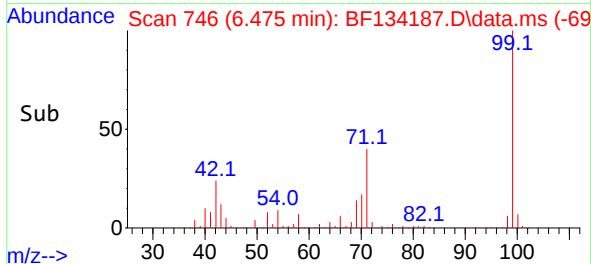
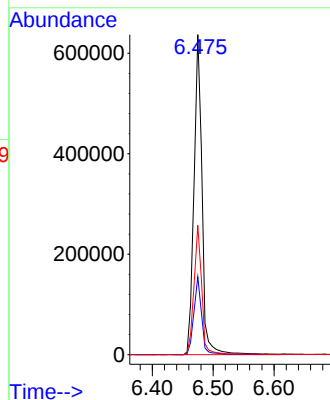
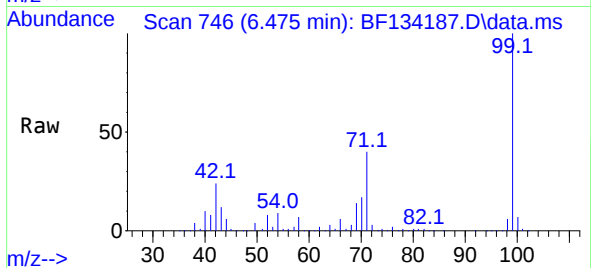




#7
Phenol-d6
Concen: 68.406 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

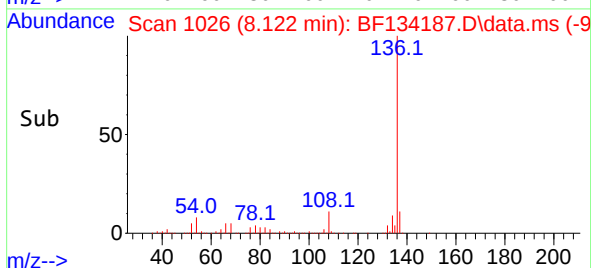
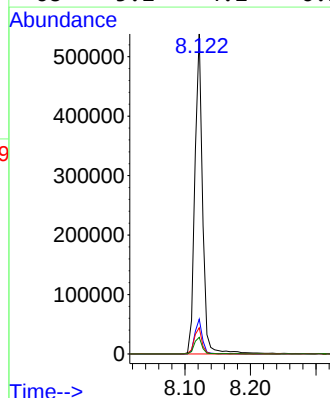
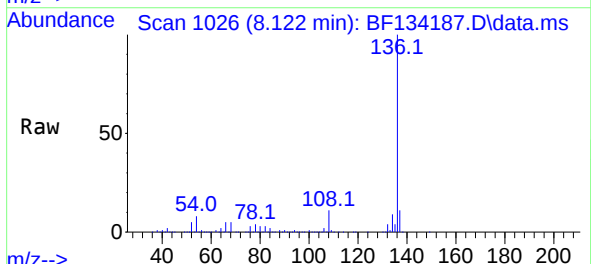
Instrument :
BNA_F
ClientSampleId :
CP-3

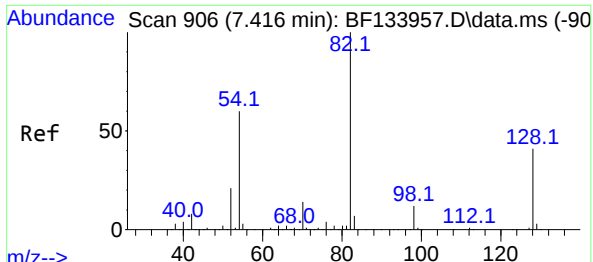
Tgt Ion: 99 Resp: 592326
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 40.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

Tgt Ion:136 Resp: 440898
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.2 6.5 9.7
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 49.189 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF134187.D

Acq: 10 Jul 2023 15:35

Instrument :

BNA_F

ClientSampleId :

CP-3

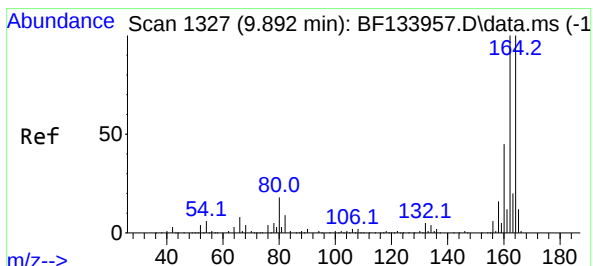
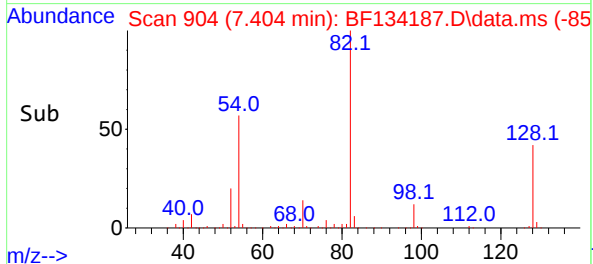
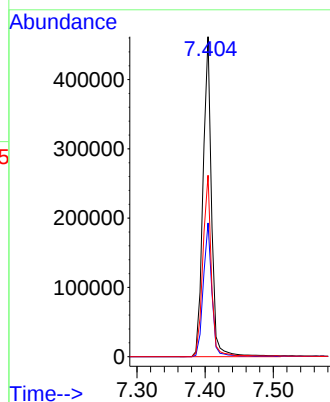
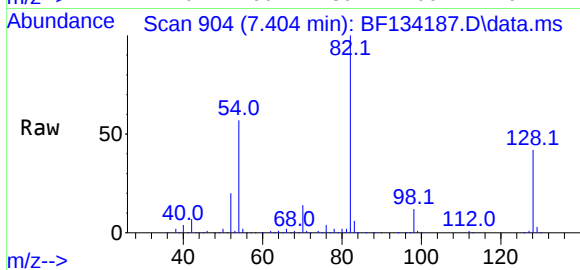
Tgt Ion: 82 Resp: 402326

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 56.7 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134187.D

Acq: 10 Jul 2023 15:35

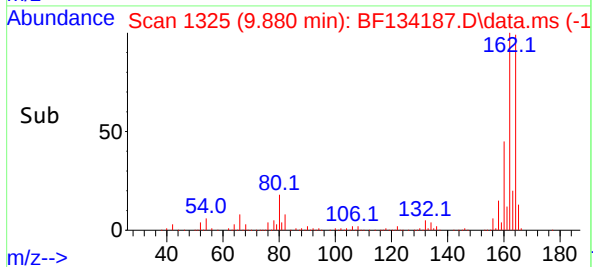
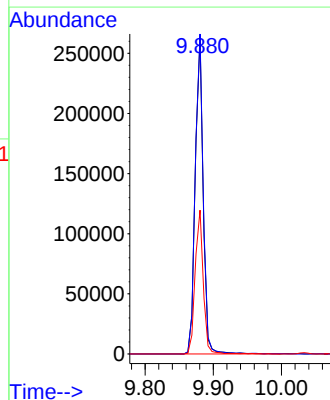
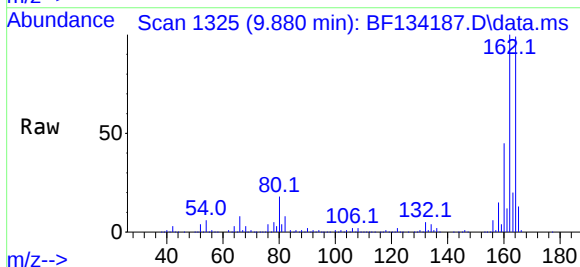
Tgt Ion:164 Resp: 211921

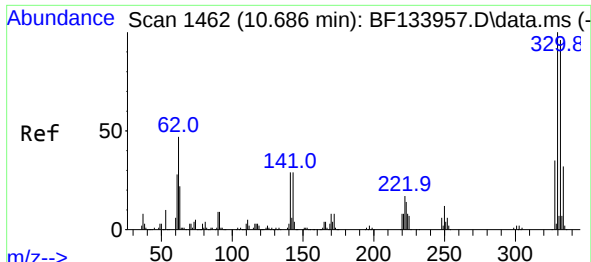
Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

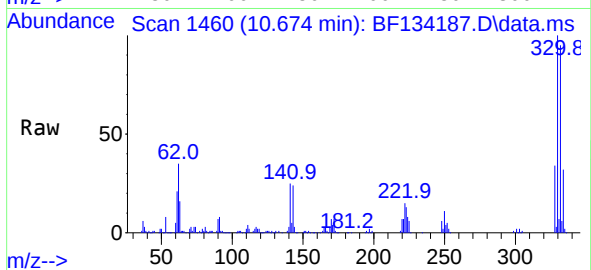
160 45.5 35.9 53.9



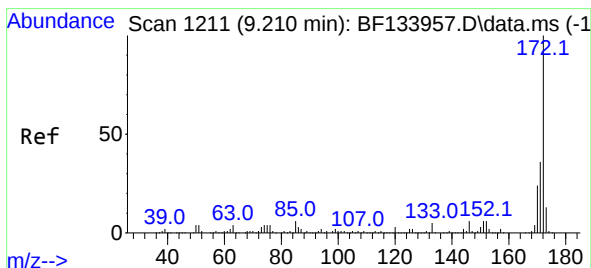
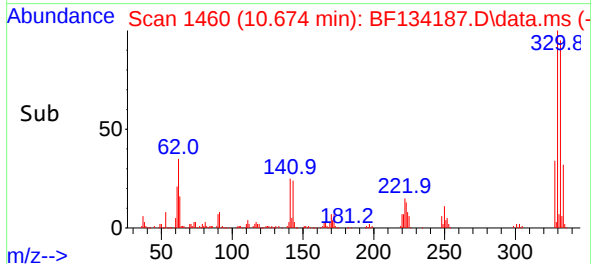
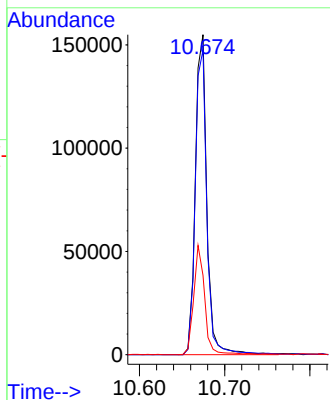


#42
2,4,6-Tribromophenol
Concen: 54.885 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

Instrument :
BNA_F
ClientSampleId :
CP-3

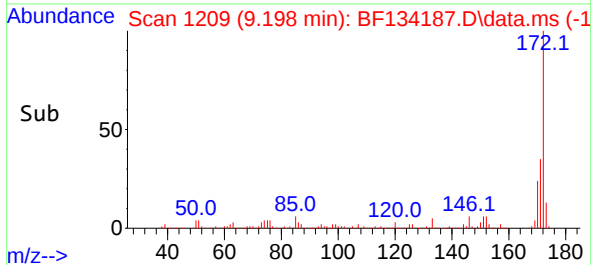
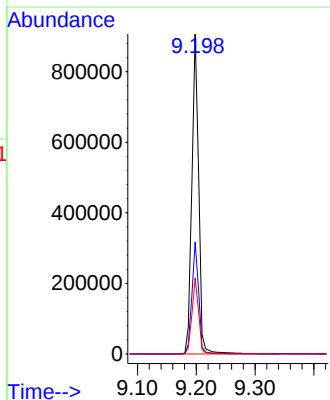
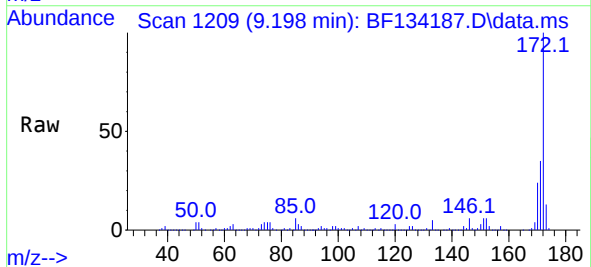


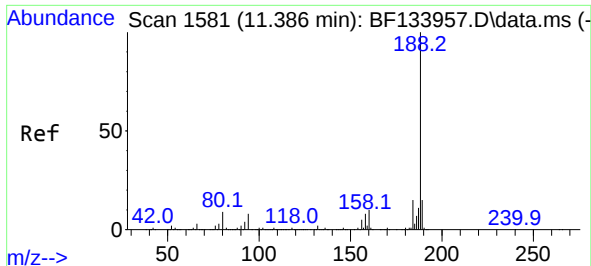
Tgt Ion:330 Resp: 145832
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 32.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 50.590 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

Tgt Ion:172 Resp: 737403
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.7 19.4 29.0

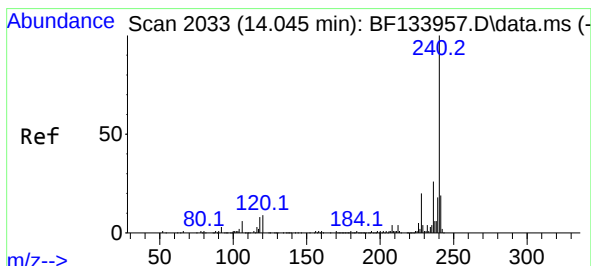
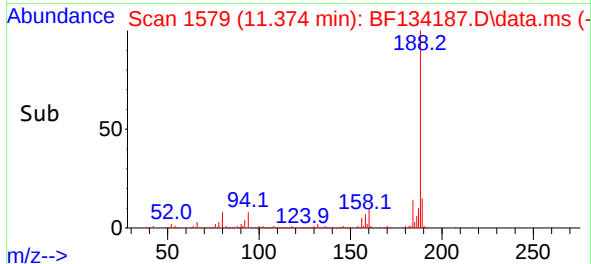
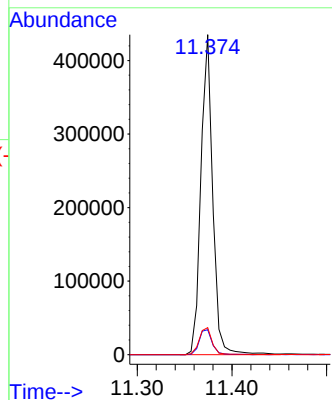
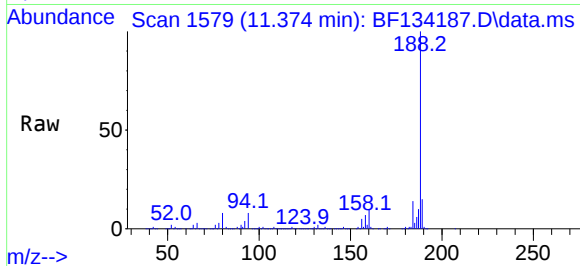




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

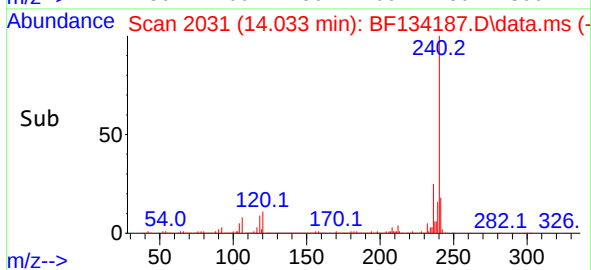
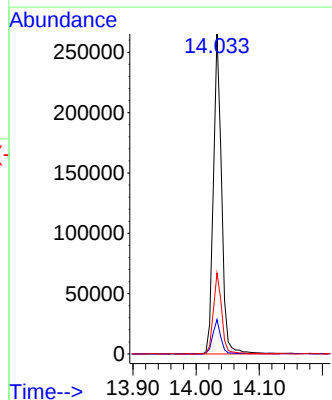
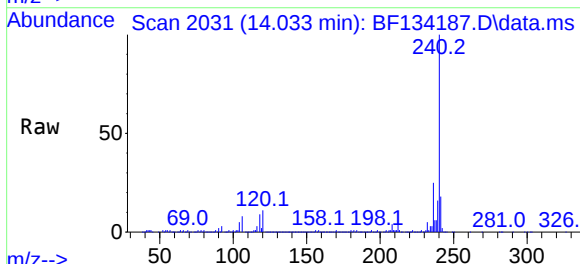
Instrument :
BNA_F
ClientSampleId :
CP-3

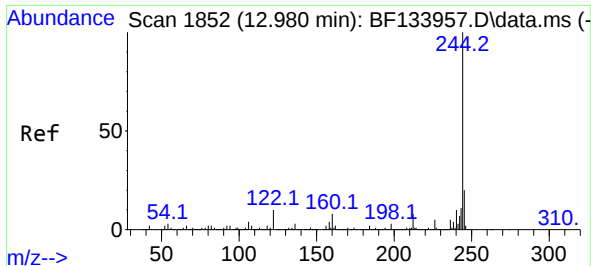
Tgt Ion:188 Resp: 379056
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134187.D
Acq: 10 Jul 2023 15:35

Tgt Ion:240 Resp: 240104
Ion Ratio Lower Upper
240 100
120 10.8 7.4 11.0
236 25.3 21.0 31.6

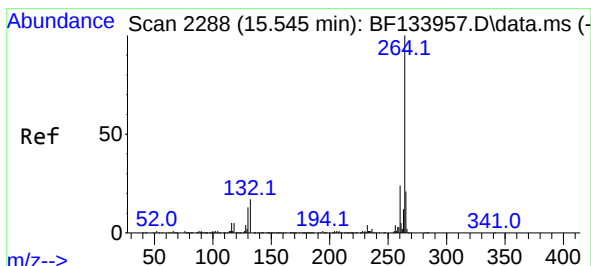
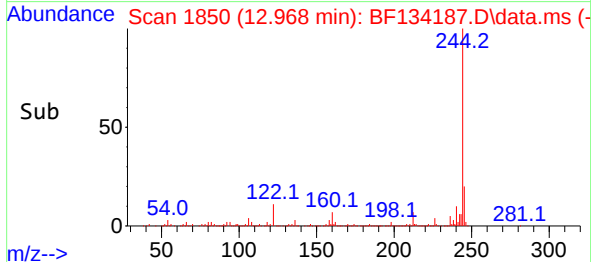
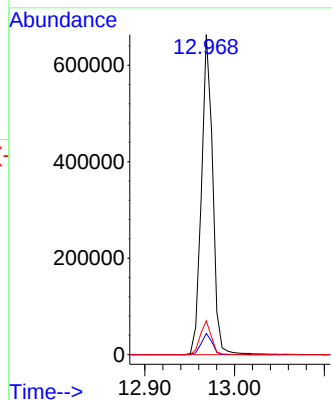
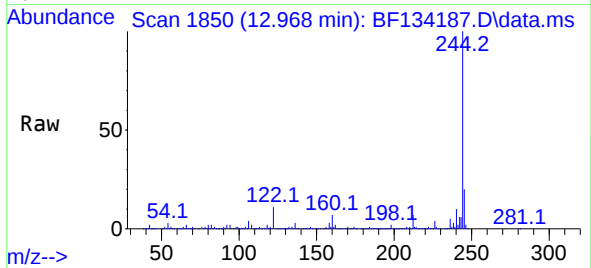




#79
 Terphenyl-d14
 Concen: 38.687 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF134187.D
 Acq: 10 Jul 2023 15:35

Instrument :
 BNA_F
 ClientSampleId :
 CP-3

Tgt Ion:244 Resp: 577166
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134187.D
 Acq: 10 Jul 2023 15:35

Tgt Ion:264 Resp: 276693
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.3 16.6 25.0

