

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134289.D
 Acq On : 14 Jul 2023 14:12
 Operator : CG\JU
 Sample : PB153784BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153784BL

Quant Time: Jul 15 00:25:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	50402	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200064	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	103369	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	216422	20.000	ng	0.00
76) Chrysene-d12	14.033	240	172911	20.000	ng	0.00
86) Perylene-d12	15.539	264	166770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	665647	220.918	ng	0.02
7) Phenol-d6	6.486	99	790652	213.372	ng	0.00
23) Nitrobenzene-d5	7.410	82	551816	148.682	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	310031	239.214	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1078590	151.705	ng	0.00
79) Terphenyl-d14	12.974	244	1442090	134.227	ng	0.00

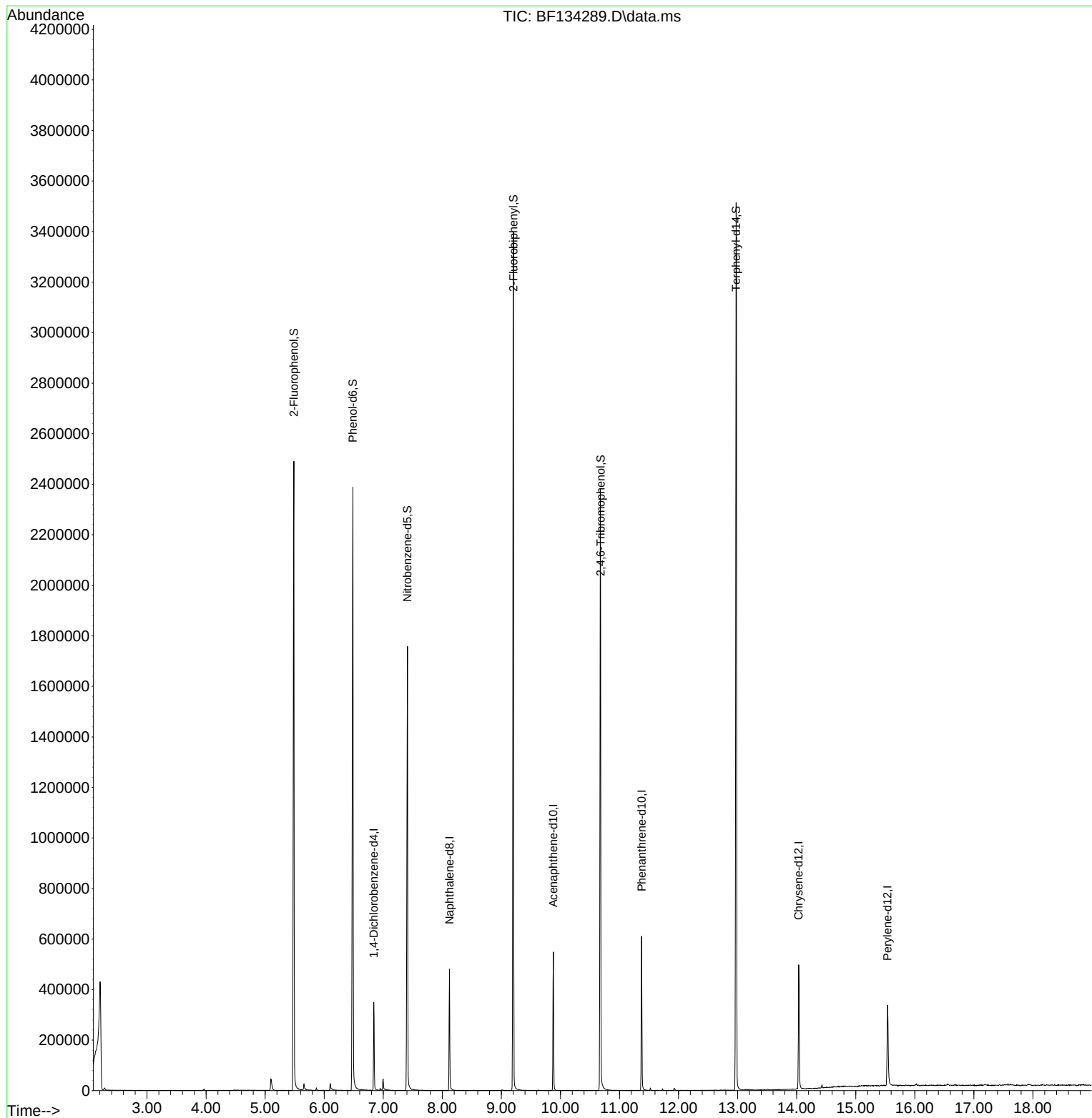
Target Compounds	Qvalue

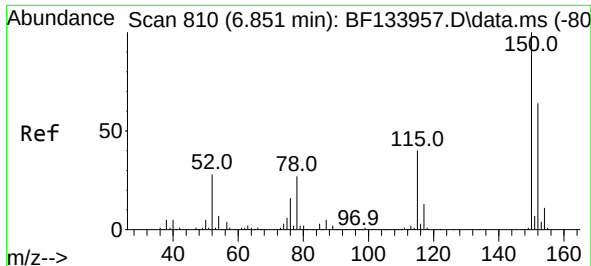
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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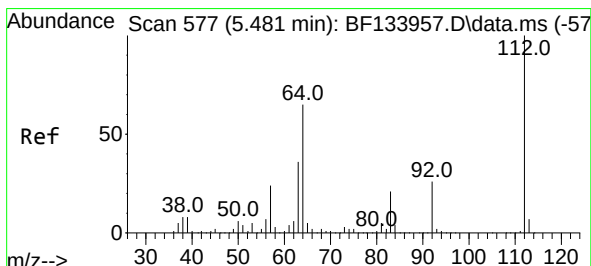
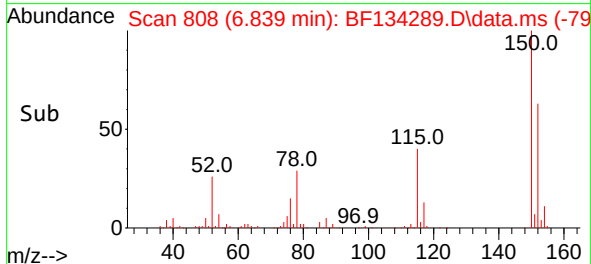
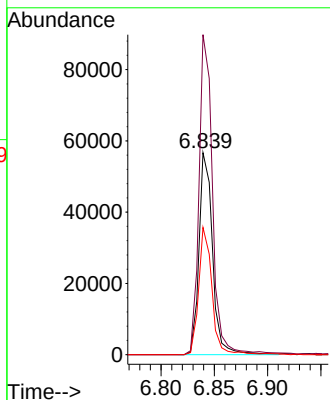
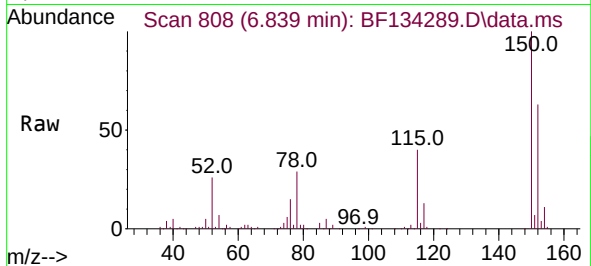




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

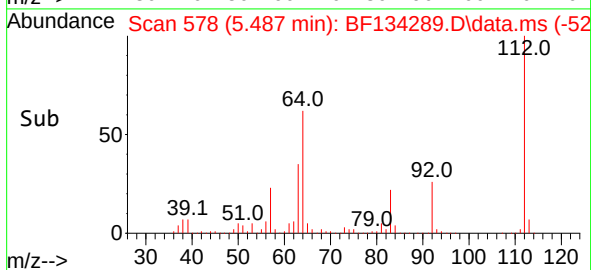
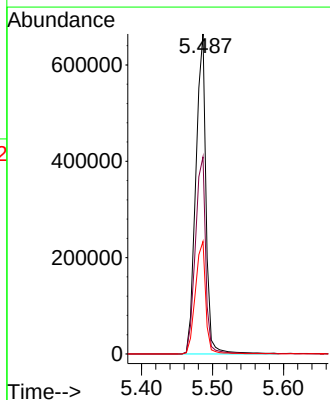
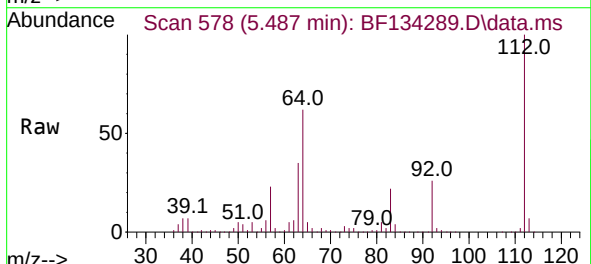
Instrument :
BNA_F
ClientSampleId :
PB153784BL

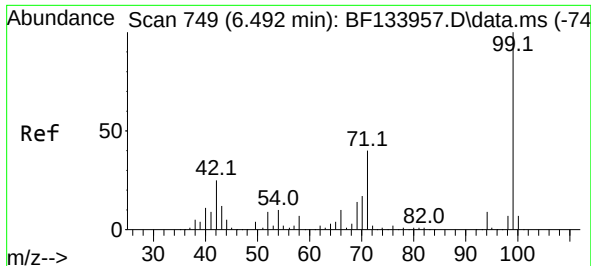
Tgt Ion:152 Resp: 50402
Ion Ratio Lower Upper
152 100
150 158.4 124.5 186.7
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 220.918 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

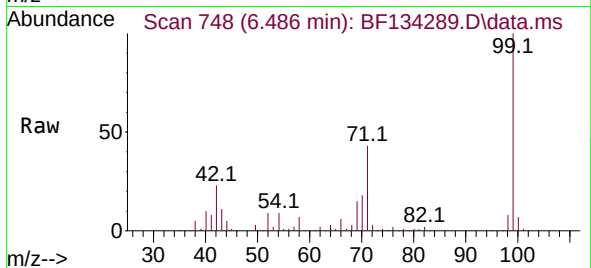
Tgt Ion:112 Resp: 665647
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.1 28.6 42.8



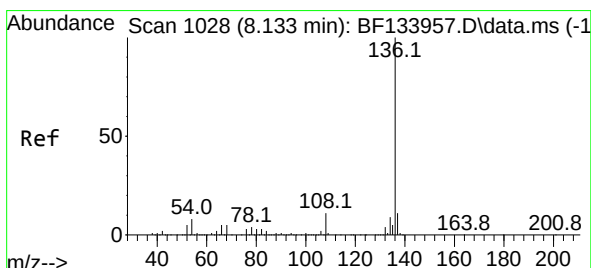
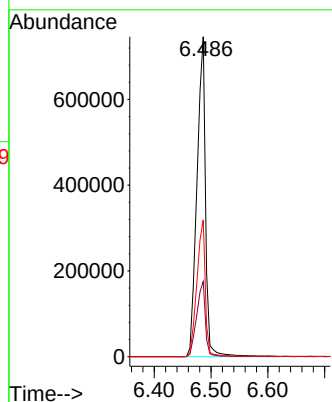
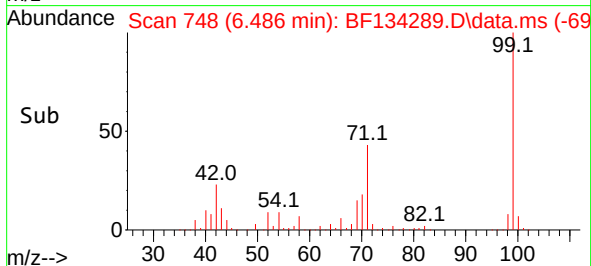


#7
Phenol-d6
Concen: 213.372 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

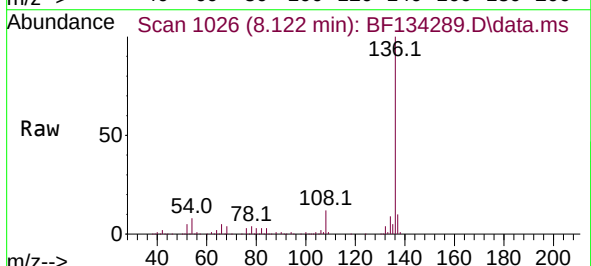
Instrument :
BNA_F
ClientSampleId :
PB153784BL



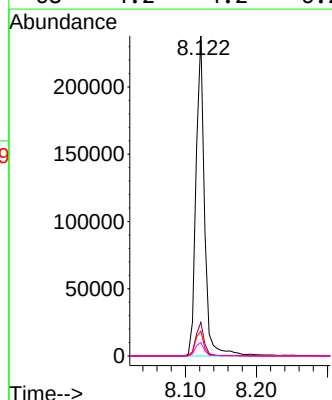
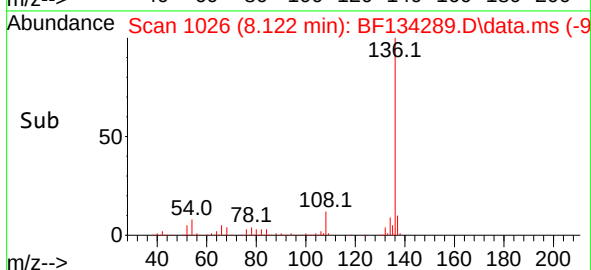
Tgt Ion:	99	Resp:	790652
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.8	29.6
71	42.8	31.9	47.9

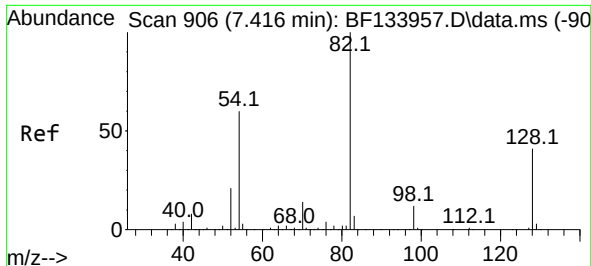


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12



Tgt Ion:	136	Resp:	200064
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.8	6.5	9.7
68	4.2	4.2	6.2





#23

Nitrobenzene-d5

Concen: 148.682 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134289.D

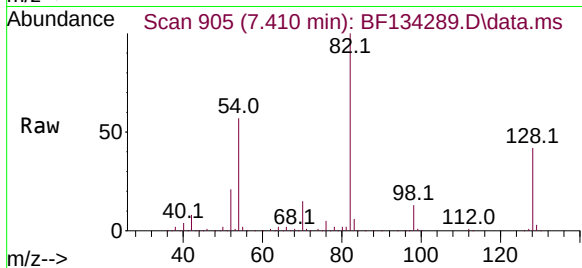
Acq: 14 Jul 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB153784BL



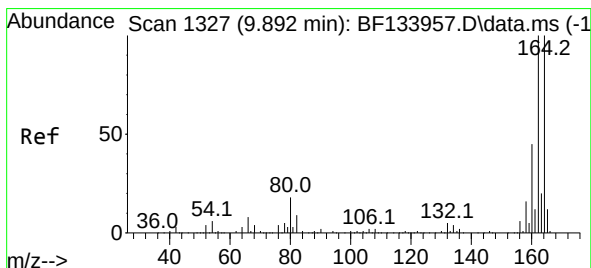
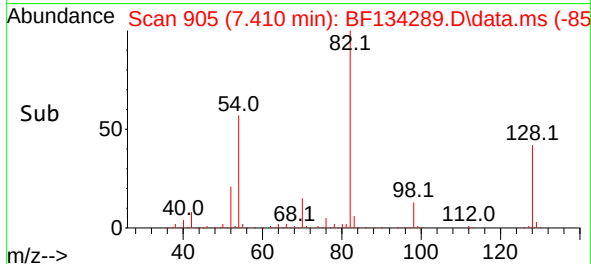
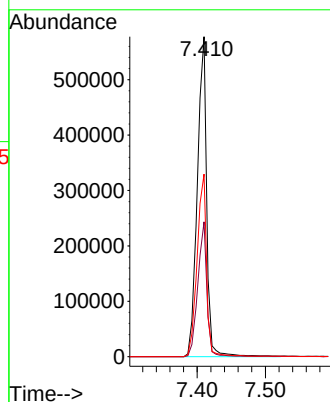
Tgt Ion: 82 Resp: 551816

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 57.1 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF134289.D

Acq: 14 Jul 2023 14:12

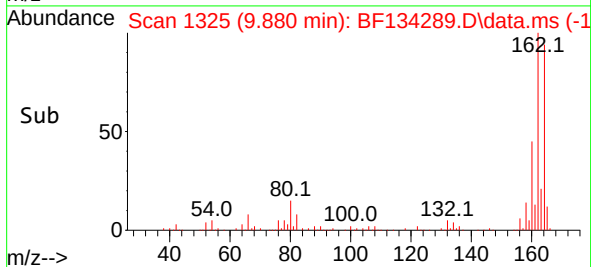
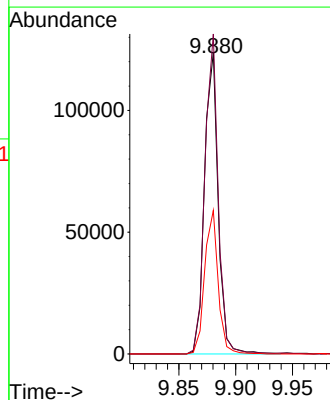
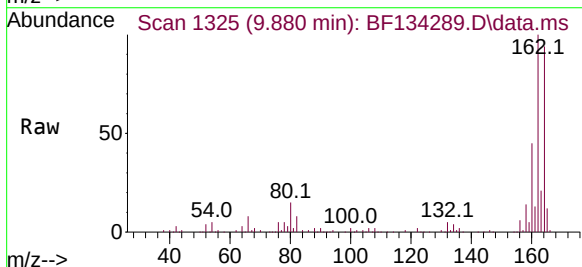
Tgt Ion:164 Resp: 103369

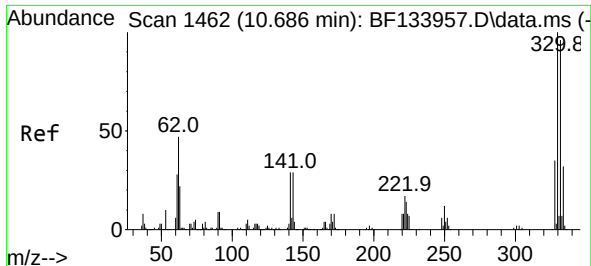
Ion Ratio Lower Upper

164 100

162 106.1 80.0 120.0

160 47.6 35.9 53.9

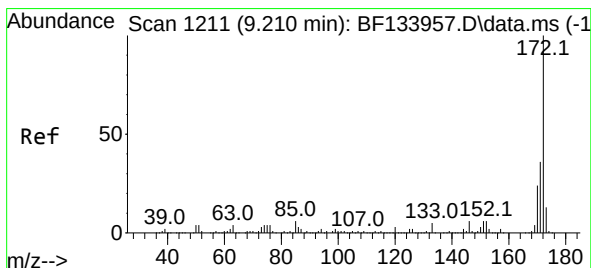
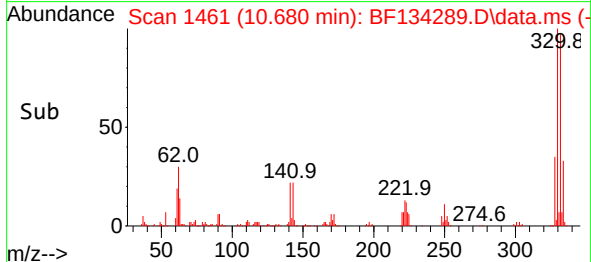
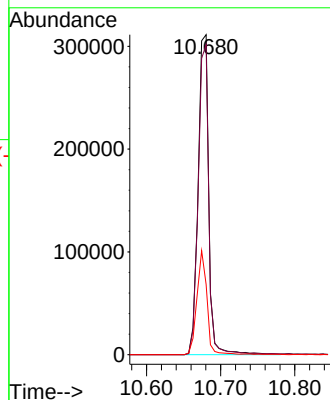
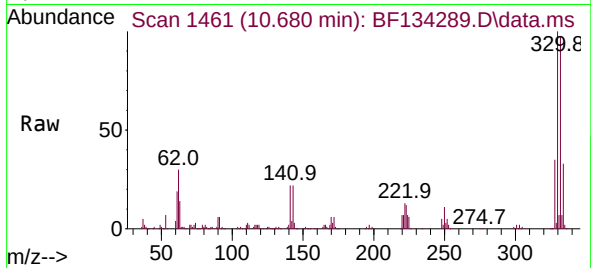




#42
2,4,6-Tribromophenol
Concen: 239.214 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

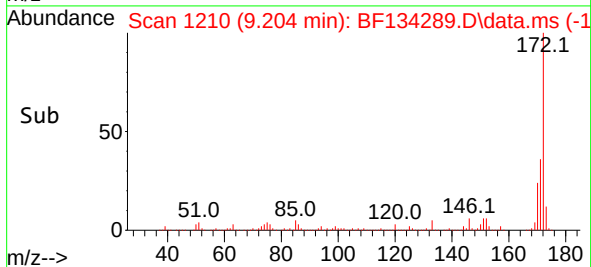
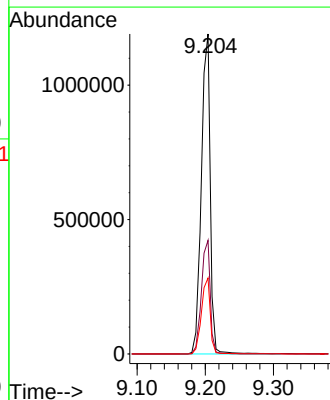
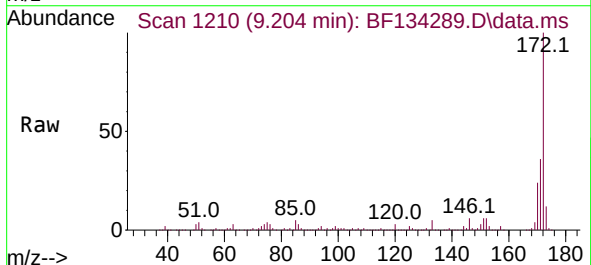
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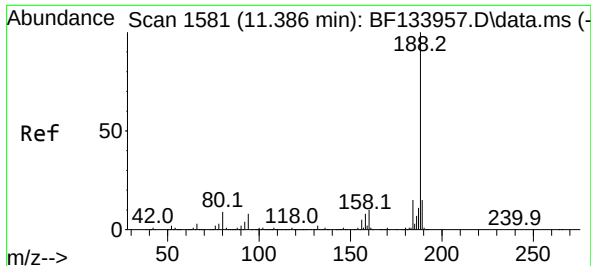
Tgt Ion:330 Resp: 310031
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 30.7 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 151.705 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion:172 Resp: 1078590
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.4 29.0

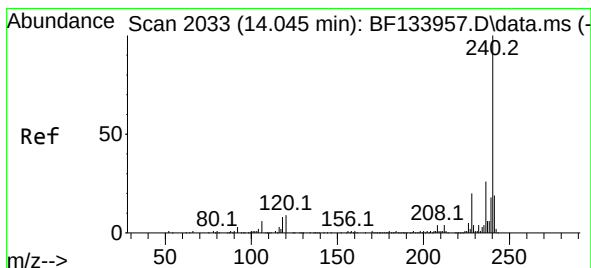
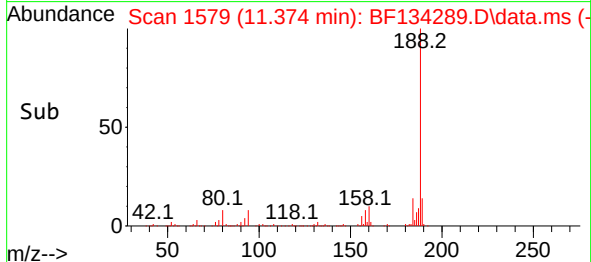
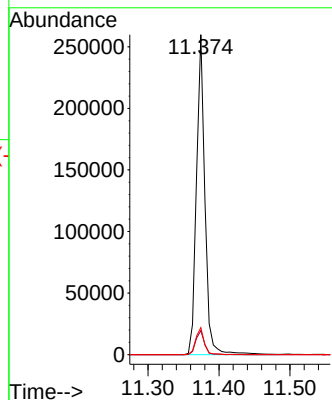
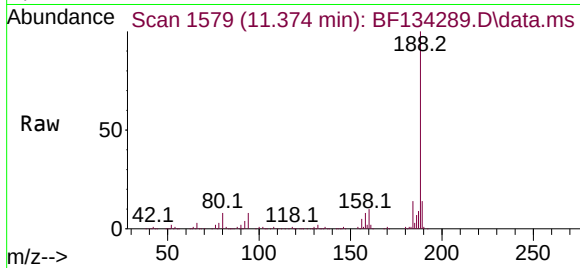




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

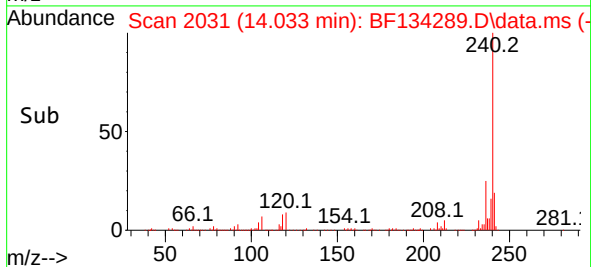
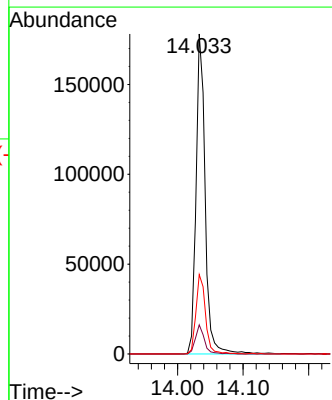
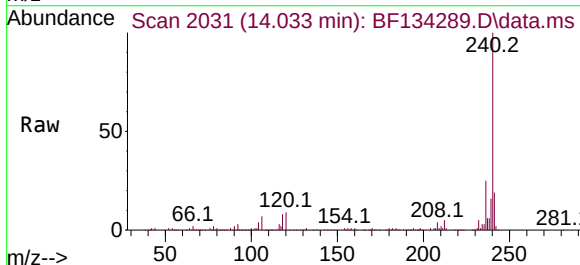
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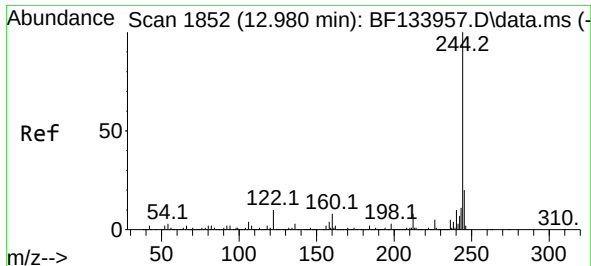
Tgt Ion:188 Resp: 216422
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134289.D
Acq: 14 Jul 2023 14:12

Tgt Ion:240 Resp: 172911
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 24.8 21.0 31.6

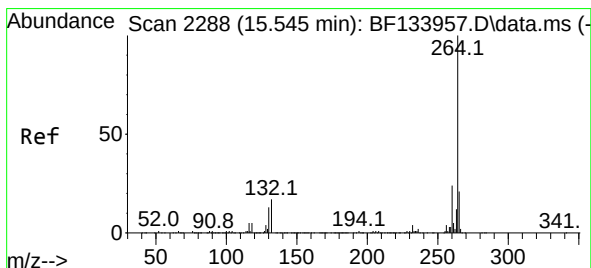
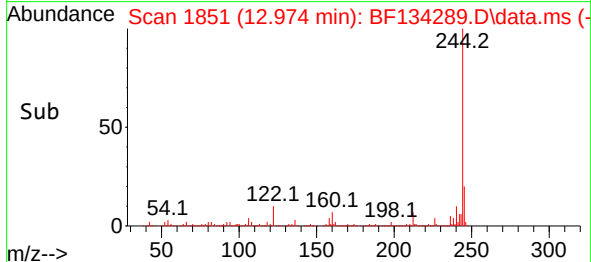
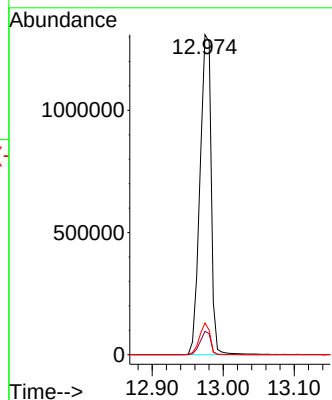
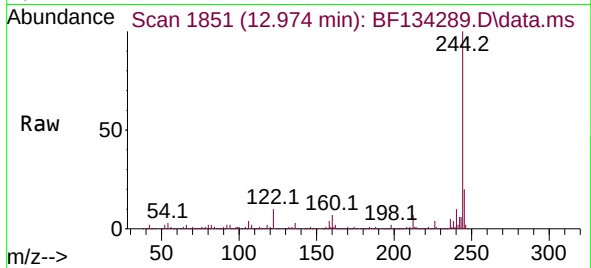




#79
 Terphenyl-d14
 Concen: 134.227 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134289.D
 Acq: 14 Jul 2023 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB153784BL

Tgt Ion:244 Resp: 1442090
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134289.D
 Acq: 14 Jul 2023 14:12

Tgt Ion:264 Resp: 166770
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.3 16.6 25.0

