

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134370.D
 Acq On : 19 Jul 2023 21:24
 Operator : CG\JU
 Sample : 03687-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-38882

Quant Time: Jul 20 00:46:01 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)

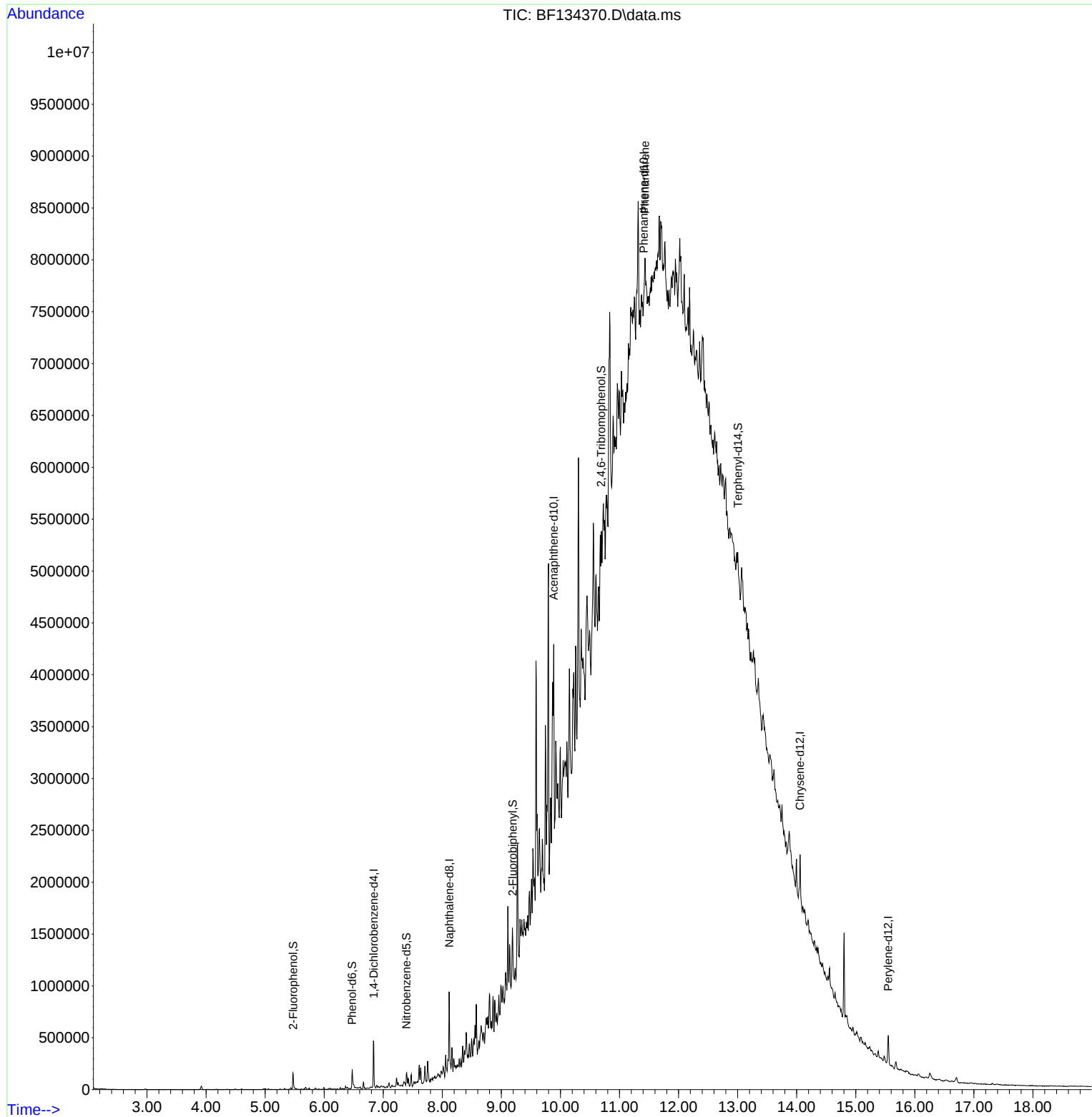
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	69718	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	241717	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	102216	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	135750	20.000	ng	# 0.04
76) Chrysene-d12	14.057	240	138580	20.000	ng	# 0.02
86) Perylene-d12	15.551	264	123814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	49193	11.803	ng	0.00
7) Phenol-d6	6.475	99	59291	11.568	ng	-0.01
23) Nitrobenzene-d5	7.392	82	36683	8.181	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	13958	10.891	ng	0.01
45) 2-Fluorobiphenyl	9.192	172	69482	9.883	ng	-0.01
79) Terphenyl-d14	13.004	244	63695	7.397	ng	0.03
Target Compounds						
71) Phenanthrene	11.433	178	78685	11.514	ng	# 47

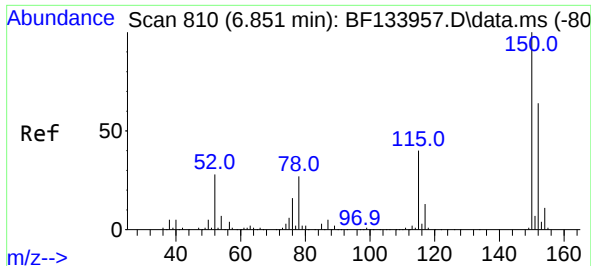
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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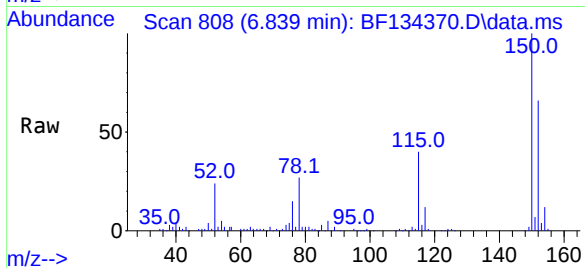
Quant Time: Jul 20 00:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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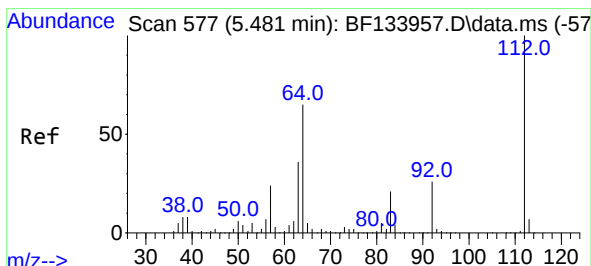
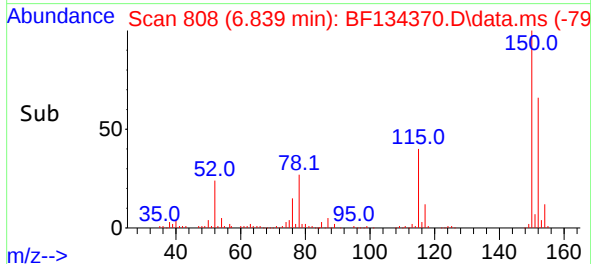
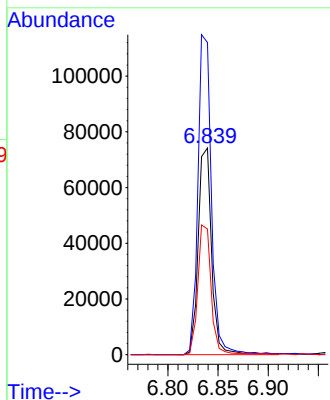


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

Instrument :
BNA_F
ClientSampleId :
CO-38882

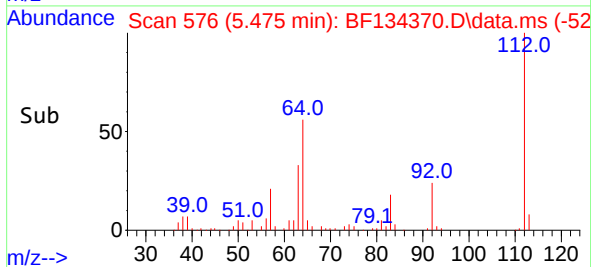
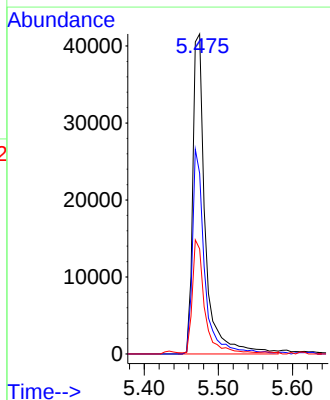
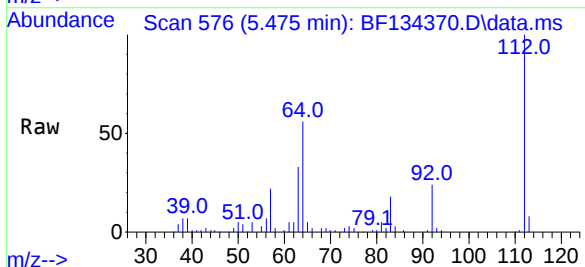


Tgt Ion:152 Resp: 69718
Ion Ratio Lower Upper
152 100
150 151.0 124.5 186.7
115 60.8 50.2 75.2

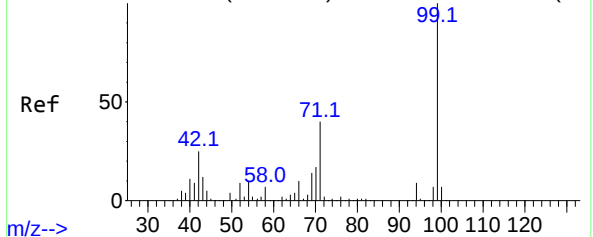


#5
2-Fluorophenol
Concen: 11.803 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

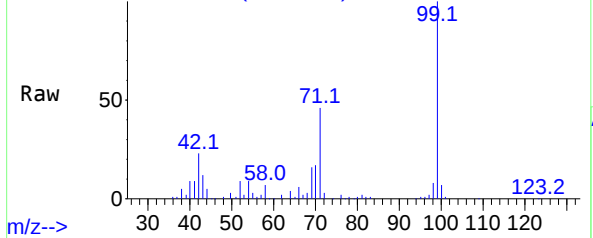
Tgt Ion:112 Resp: 49193
Ion Ratio Lower Upper
112 100
64 56.4 52.1 78.1
63 32.9 28.6 42.8



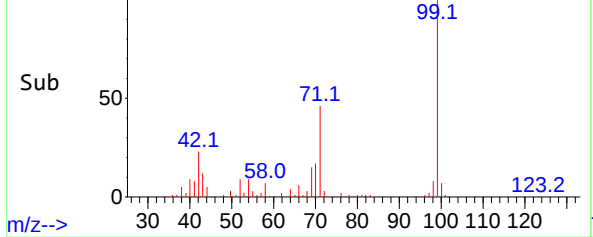
Abundance Scan 749 (6.492 min): BF133957.D\data.ms (-74



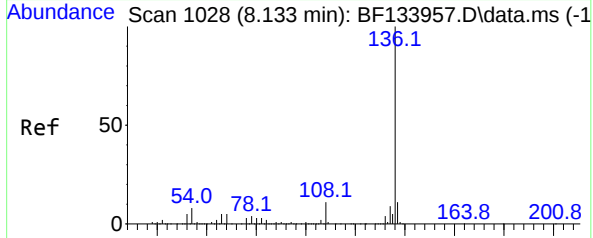
m/z--> Scan 746 (6.475 min): BF134370.D\data.ms



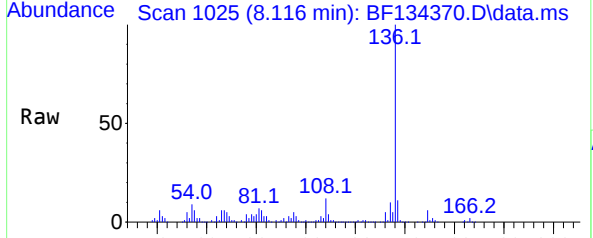
Abundance Scan 746 (6.475 min): BF134370.D\data.ms (-69



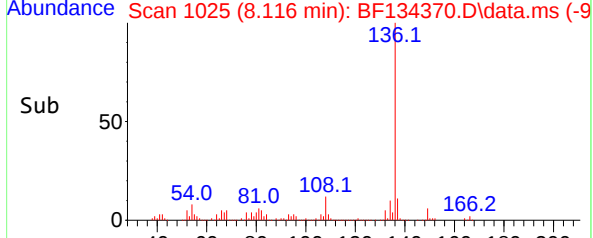
m/z--> Scan 1028 (8.133 min): BF133957.D\data.ms (-1



m/z--> Scan 1025 (8.116 min): BF134370.D\data.ms



Abundance Scan 1025 (8.116 min): BF134370.D\data.ms (-9



m/z--> Time-->

#7

Phenol-d6

Concen: 11.568 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134370.D

Acq: 19 Jul 2023 21:24

Instrument :

BNA_F

ClientSampleId :

CO-38882

Tgt Ion: 99 Resp: 59291

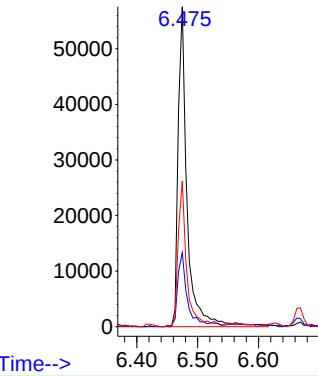
Ion Ratio Lower Upper

99 100

42 23.1 19.8 29.6

71 45.5 31.9 47.9

Abundance



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF134370.D

Acq: 19 Jul 2023 21:24

Tgt Ion:136 Resp: 241717

Ion Ratio Lower Upper

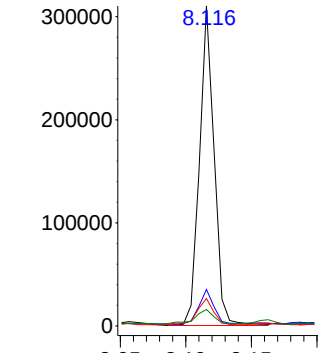
136 100

137 11.4 8.6 12.8

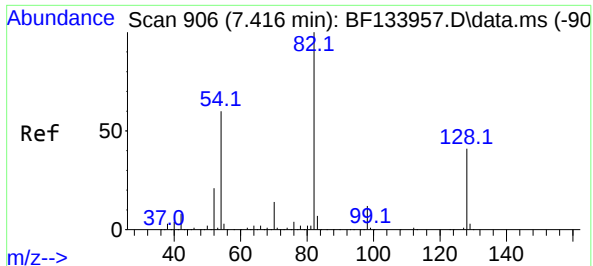
54 8.6 6.5 9.7

68 5.1 4.2 6.2

Abundance



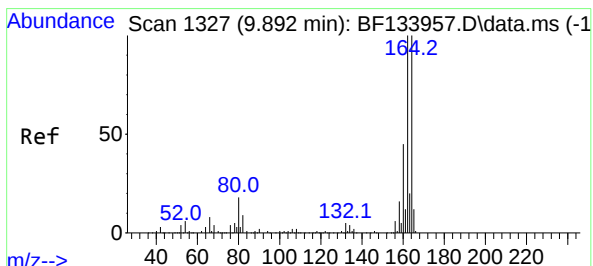
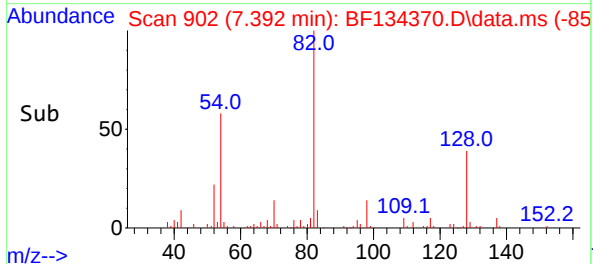
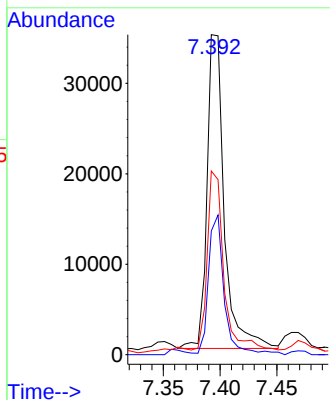
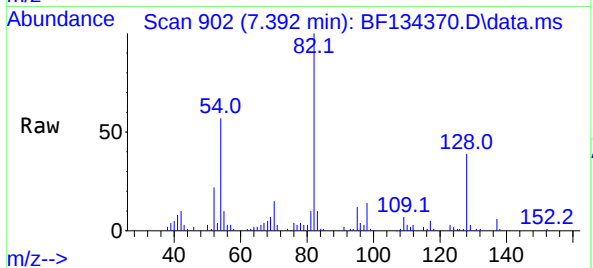
Time-->



#23
Nitrobenzene-d5
Concen: 8.181 ng
RT: 7.392 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

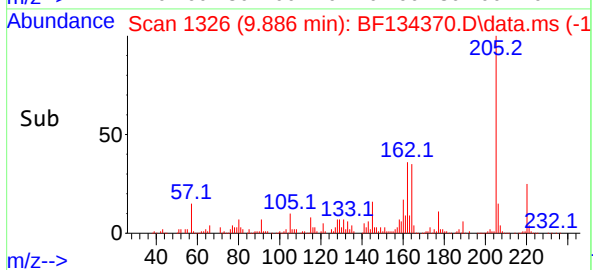
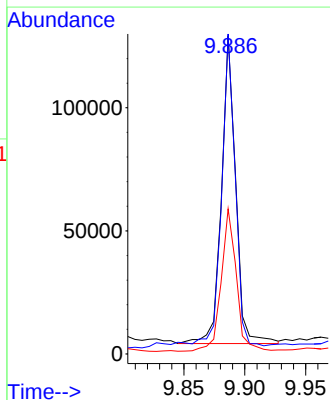
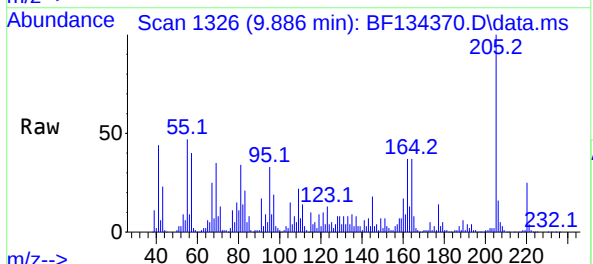
Instrument :
BNA_F
ClientSampleId :
CO-38882

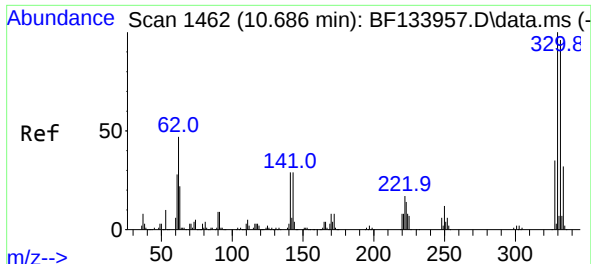
Tgt Ion: 82 Resp: 36683
Ion Ratio Lower Upper
82 100
128 38.7 32.5 48.7
54 57.4 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

Tgt Ion:164 Resp: 102216
Ion Ratio Lower Upper
164 100
162 100.6 80.0 120.0
160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 10.891 ng

RT: 10.692 min Scan# 1462

Delta R.T. 0.012 min

Lab File: BF134370.D

Acq: 19 Jul 2023 21:24

Instrument :

BNA_F

ClientSampleId :

CO-38882

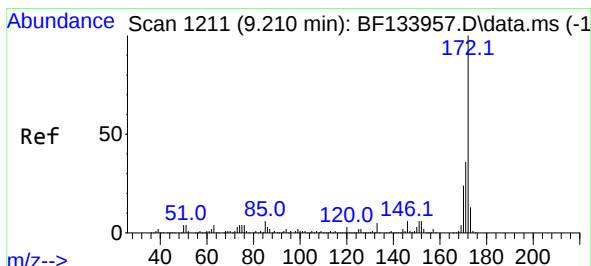
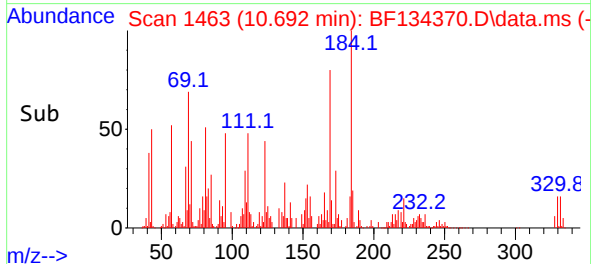
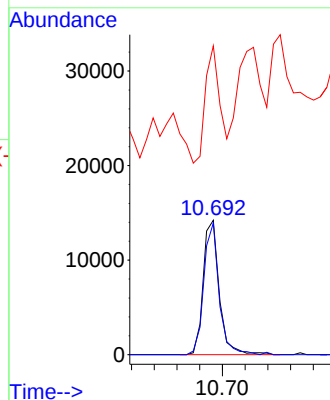
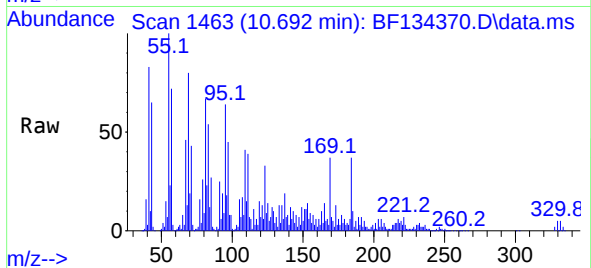
Tgt Ion:330 Resp: 13958

Ion Ratio Lower Upper

330 100

332 92.8 77.0 115.6

141 78.7 26.3 39.5#



#45

2-Fluorobiphenyl

Concen: 9.883 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134370.D

Acq: 19 Jul 2023 21:24

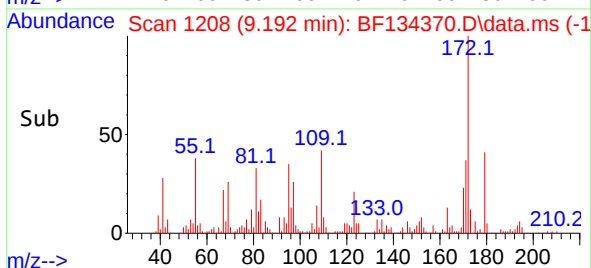
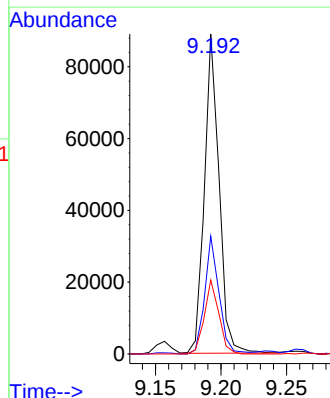
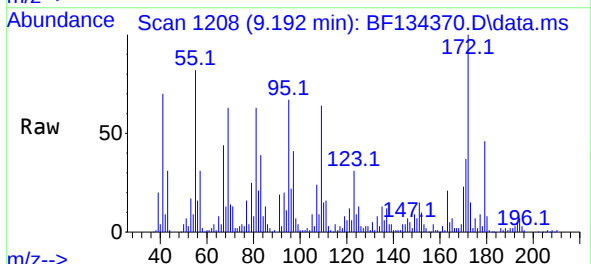
Tgt Ion:172 Resp: 69482

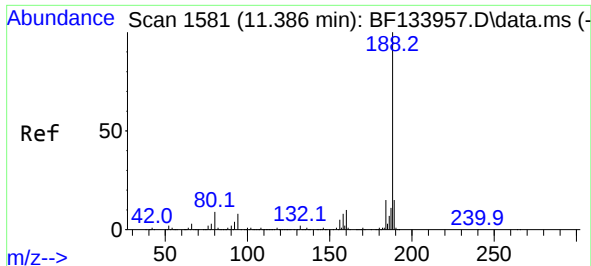
Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

170 23.1 19.4 29.0

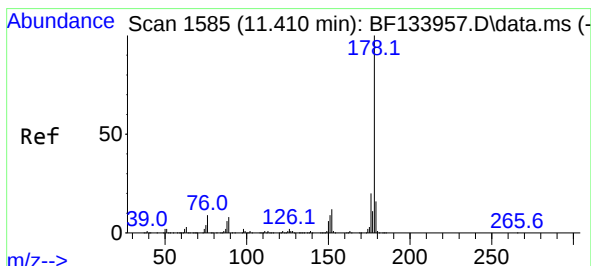
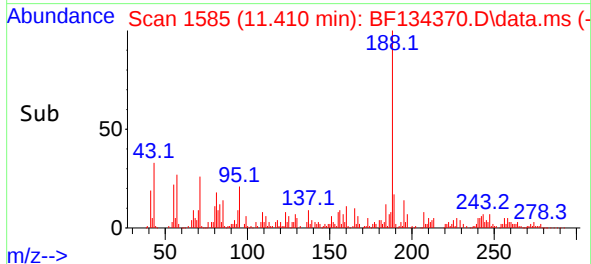
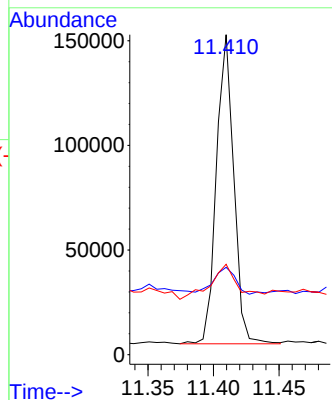
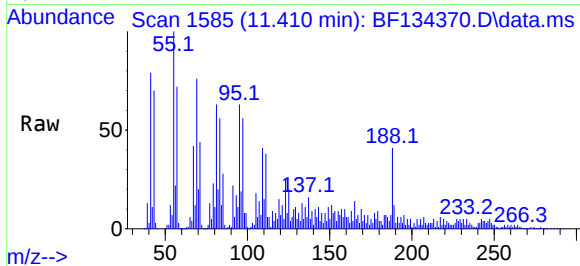




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.035 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

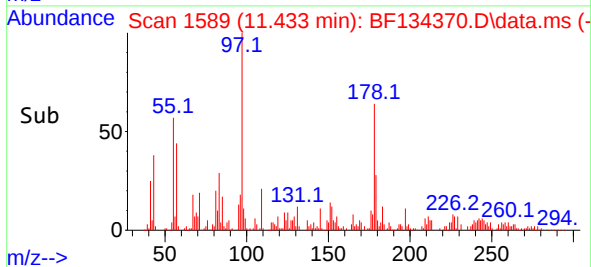
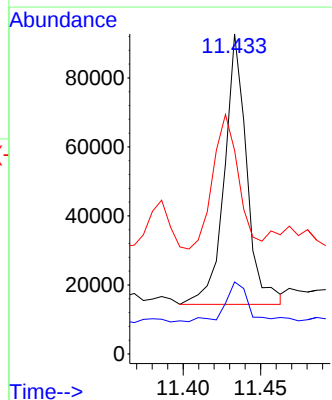
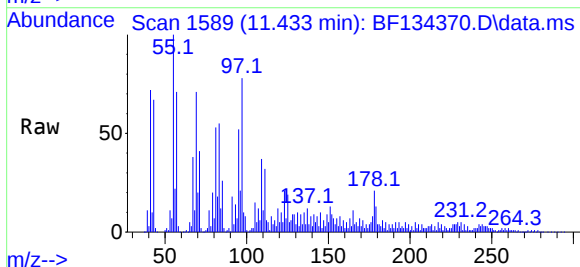
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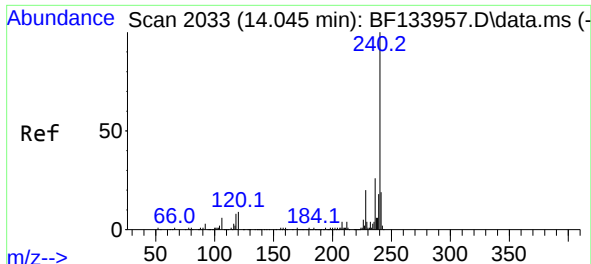
Tgt Ion:188 Resp: 135750
Ion Ratio Lower Upper
188 100
94 27.3 6.4 9.6#
80 28.2 7.3 10.9#



#71
Phenanthrene
Concen: 11.514 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.029 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

Tgt Ion:178 Resp: 78685
Ion Ratio Lower Upper
178 100
176 22.5 16.0 24.0
179 63.6 12.4 18.6#

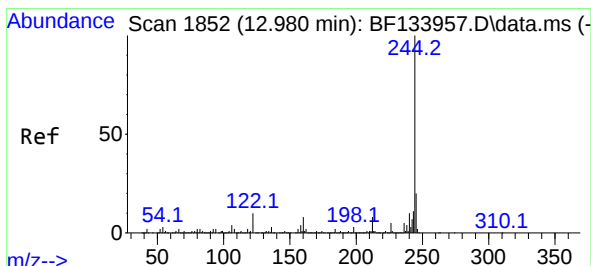
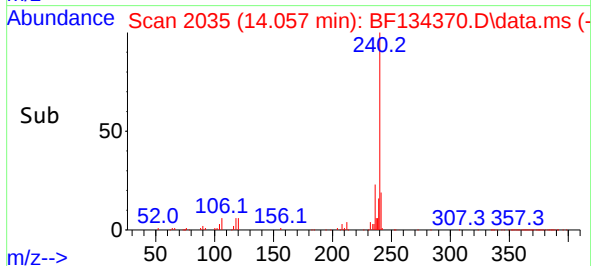
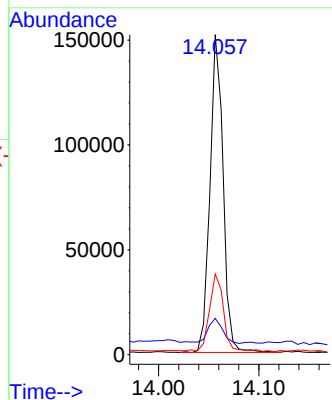
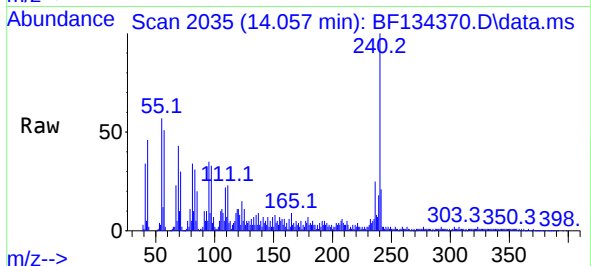




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2033
Delta R.T. 0.018 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

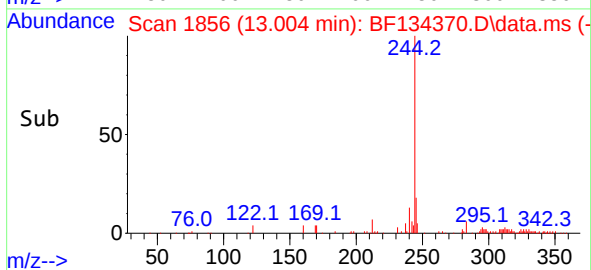
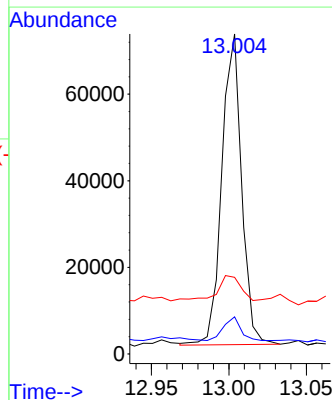
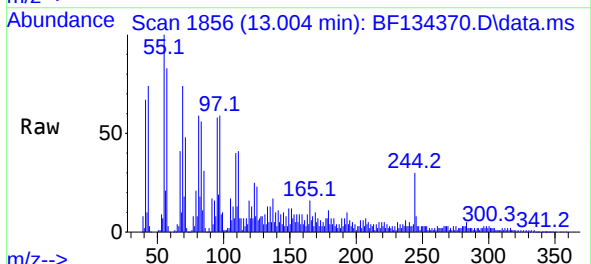
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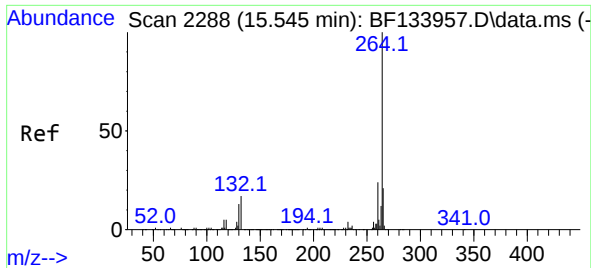
Tgt Ion:240 Resp: 138580
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.0#
236 25.2 21.0 31.6



#79
Terphenyl-d14
Concen: 7.397 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.029 min
Lab File: BF134370.D
Acq: 19 Jul 2023 21:24

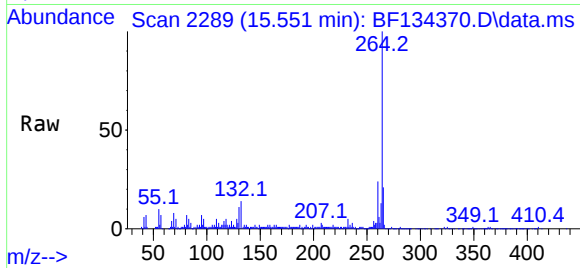
Tgt Ion:244 Resp: 63695
Ion Ratio Lower Upper
244 100
212 11.6 6.0 9.0#
122 23.9 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134370.D
 Acq: 19 Jul 2023 21:24

Instrument :
 BNA_F
 ClientSampleId :
 CO-38882



Tgt Ion:264 Resp: 123814
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.4 16.6 25.0

