

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134472.D
 Acq On : 25 Jul 2023 20:18
 Operator : CG\JU
 Sample : 03668-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 332

Quant Time: Jul 26 02:06:34 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	6.834	152	102890	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	341763	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	150350	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	257746	20.000	ng	0.00
76) Chrysene-d12	14.027	240	129206	20.000	ng	0.00
86) Perylene-d12	15.527	264	102805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	363547	58.378	ng	0.00
7) Phenol-d6	6.475	99	630243	82.602	ng	0.00
23) Nitrobenzene-d5	7.398	82	479733	71.020	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	10687	5.003	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	829841	72.458	ng	0.00
79) Terphenyl-d14	12.957	244	708109	95.670	ng	0.00

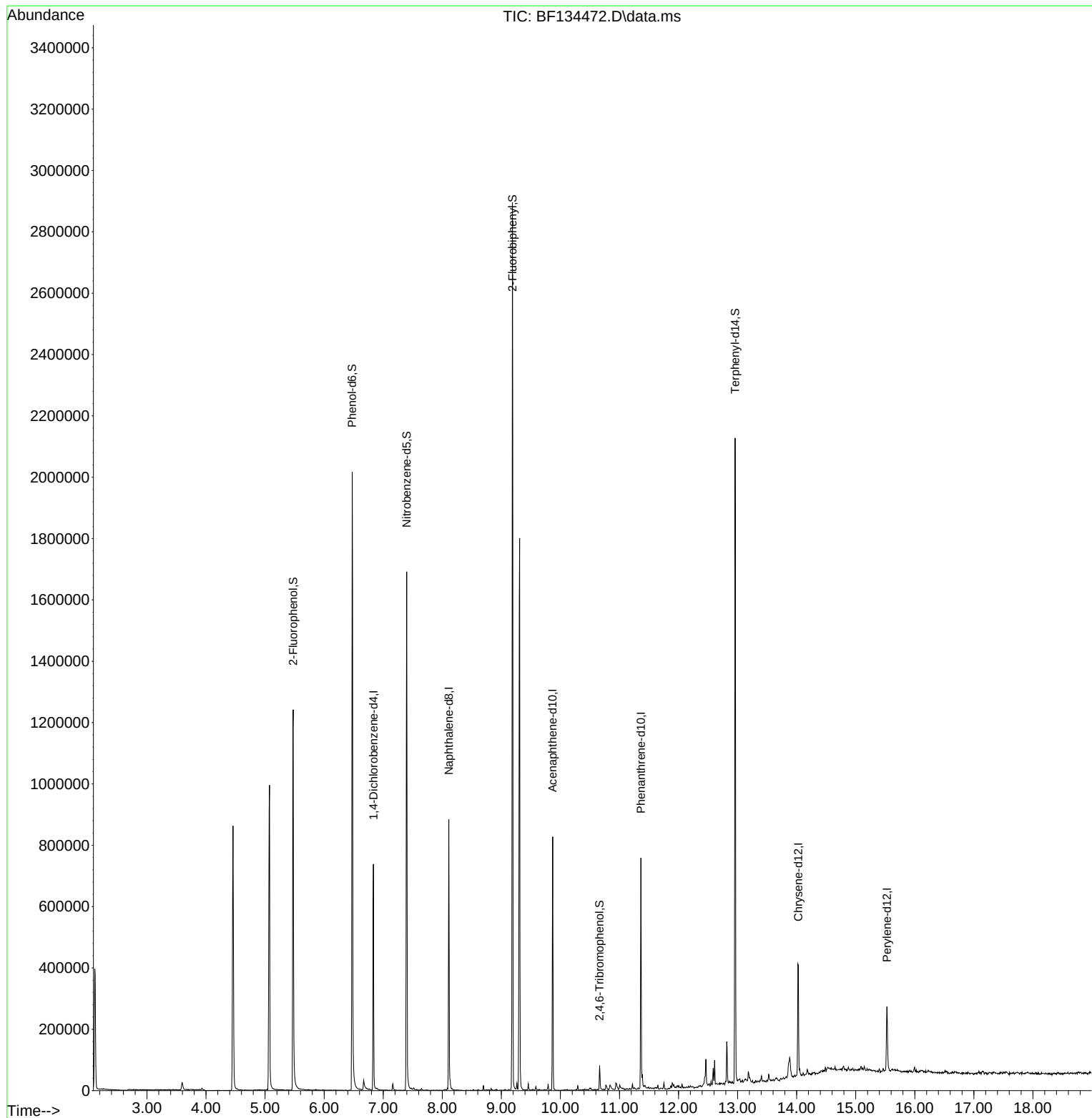
Target Compounds	Qvalue

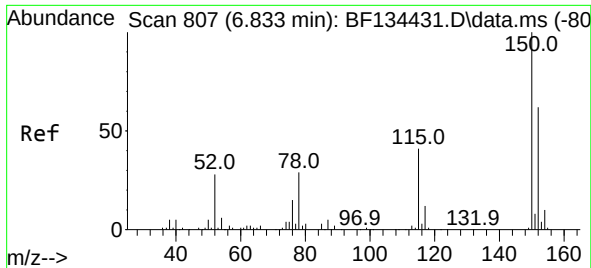
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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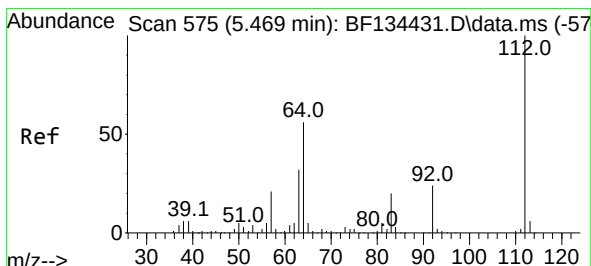
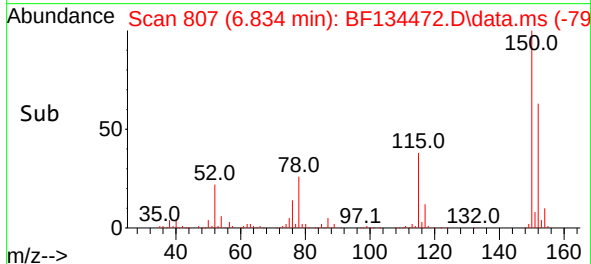
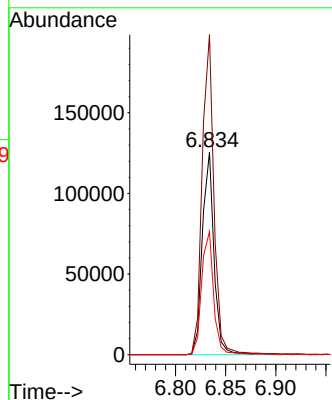
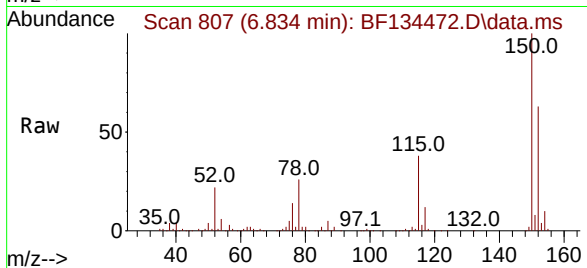




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. 0.001 min
 Lab File: BF134472.D
 Acq: 25 Jul 2023 20:18

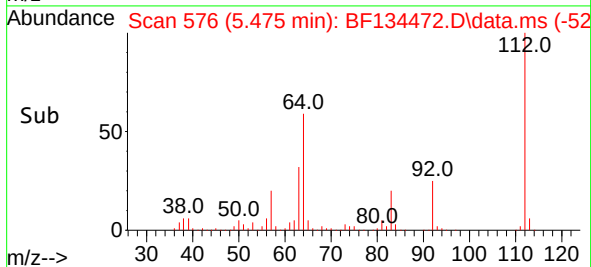
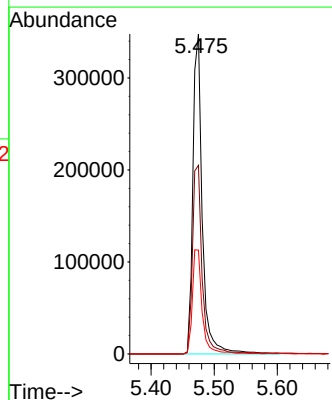
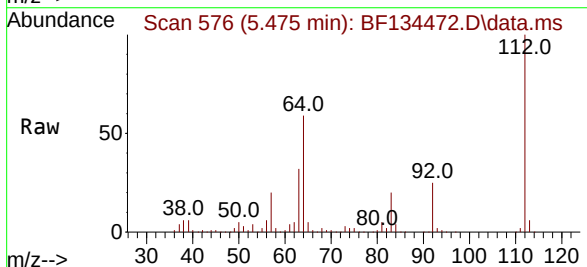
Instrument :
 BNA_F
 ClientSampleId :
 332

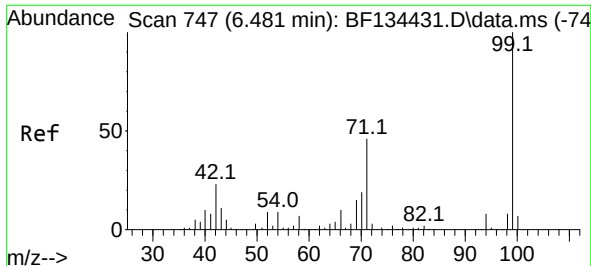
Tgt Ion:152 Resp: 102890
 Ion Ratio Lower Upper
 152 100
 150 158.0 128.3 192.5
 115 60.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 58.378 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134472.D
 Acq: 25 Jul 2023 20:18

Tgt Ion:112 Resp: 363547
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.9 67.3
 63 32.5 25.4 38.0

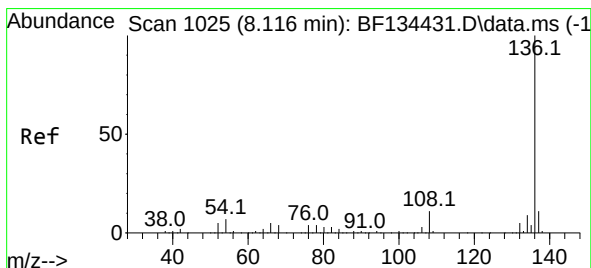
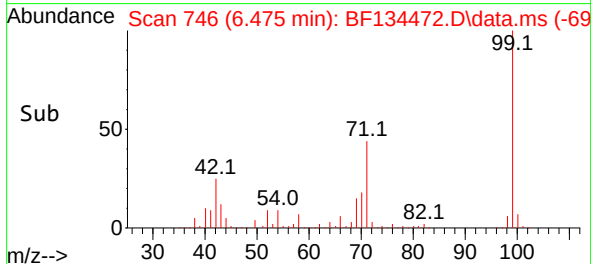
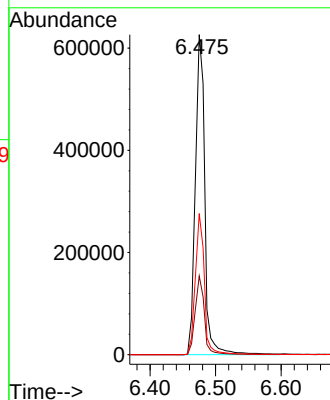
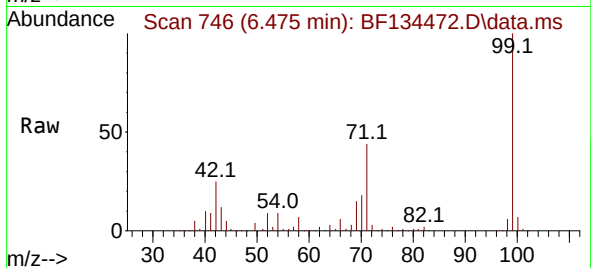




#7
Phenol-d6
Concen: 82.602 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134472.D
Acq: 25 Jul 2023 20:18

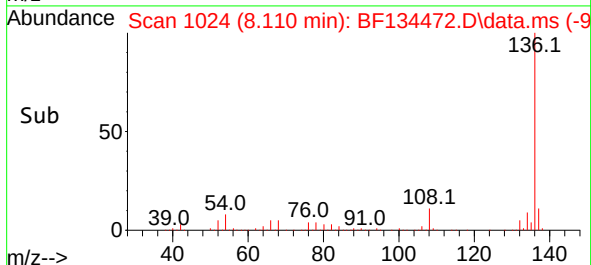
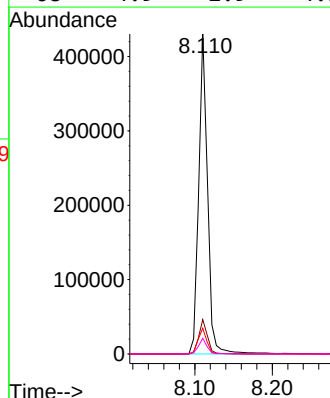
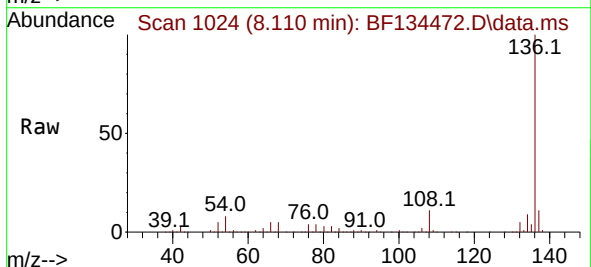
Instrument :
BNA_F
ClientSampleId :
332

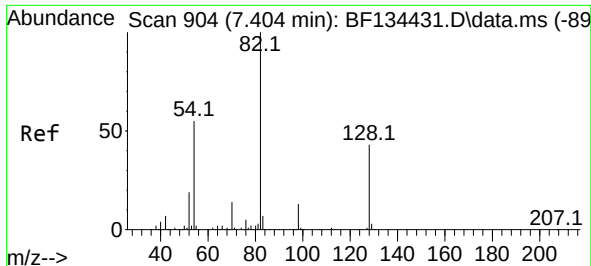
Tgt Ion: 99 Resp: 630243
Ion Ratio Lower Upper
99 100
42 24.6 18.7 28.1
71 44.1 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134472.D
Acq: 25 Jul 2023 20:18

Tgt Ion: 136 Resp: 341763
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.0 5.2 7.8#
68 4.9 2.9 4.3#

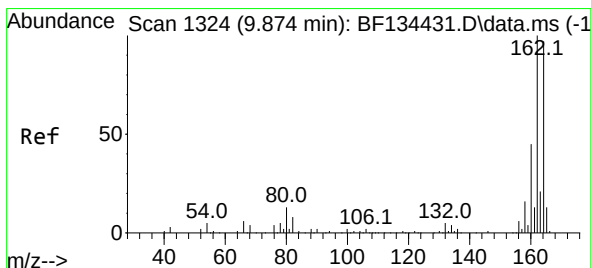
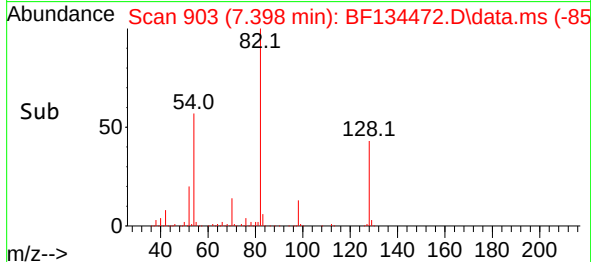
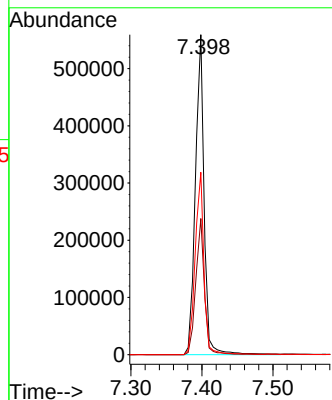
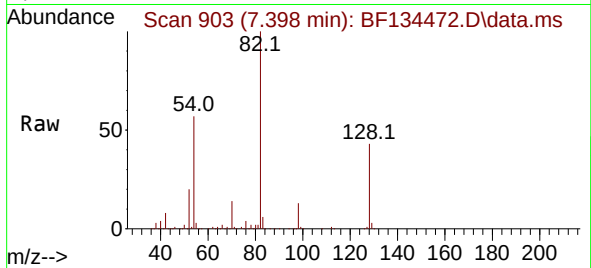




#23
Nitrobenzene-d5
Concen: 71.020 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134472.D
Acq: 25 Jul 2023 20:18

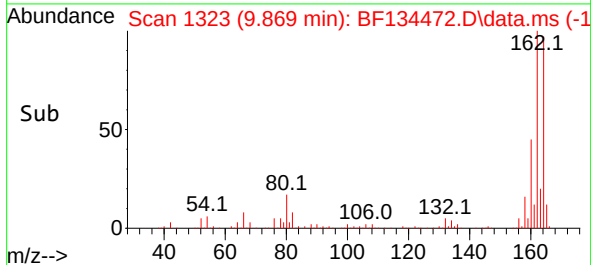
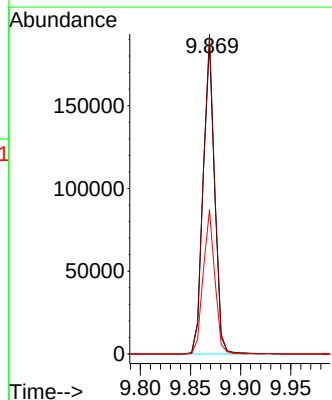
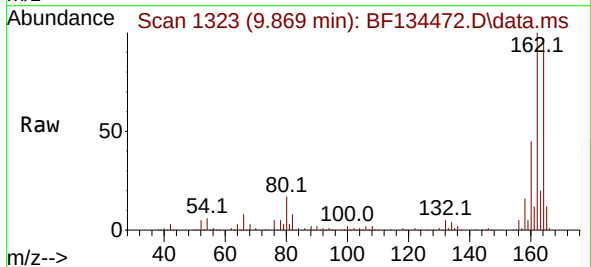
Instrument :
BNA_F
ClientSampleId :
332

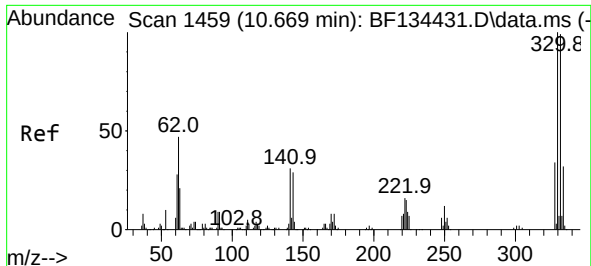
Tgt Ion: 82 Resp: 479733
Ion Ratio Lower Upper
82 100
128 42.6 34.3 51.5
54 57.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134472.D
Acq: 25 Jul 2023 20:18

Tgt Ion: 164 Resp: 150350
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 46.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 5.003 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF134472.D

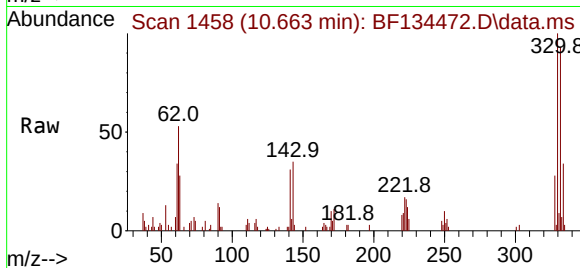
Acq: 25 Jul 2023 20:18

Instrument :

BNA_F

ClientSampleId :

332



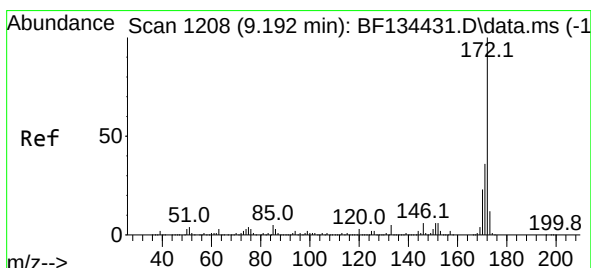
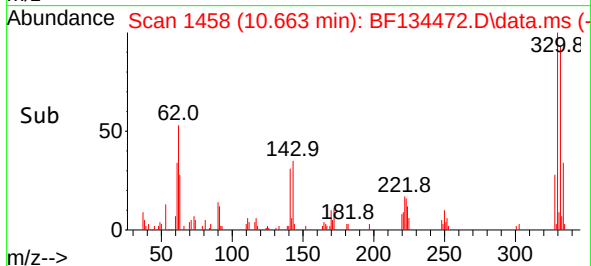
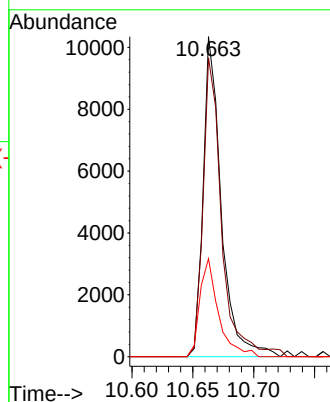
Tgt Ion:330 Resp: 10687

Ion Ratio Lower Upper

330 100

332 95.6 78.8 118.2

141 31.5 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 72.458 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134472.D

Acq: 25 Jul 2023 20:18

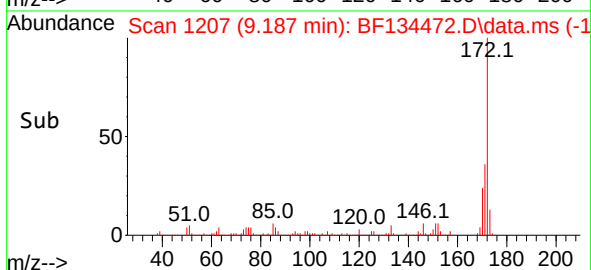
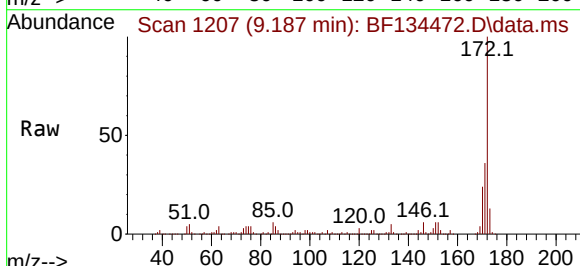
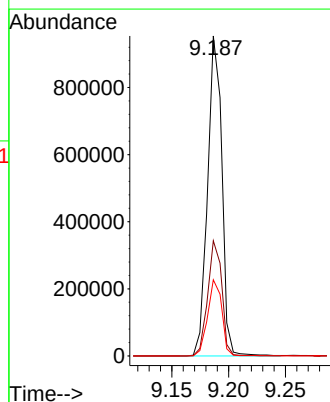
Tgt Ion:172 Resp: 829841

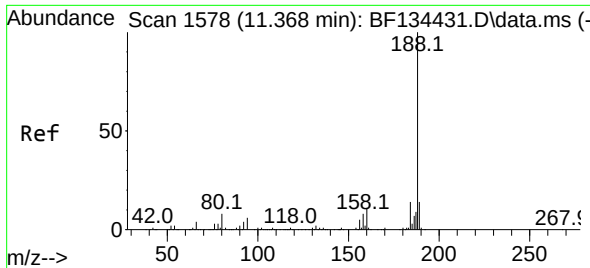
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.8 18.7 28.1

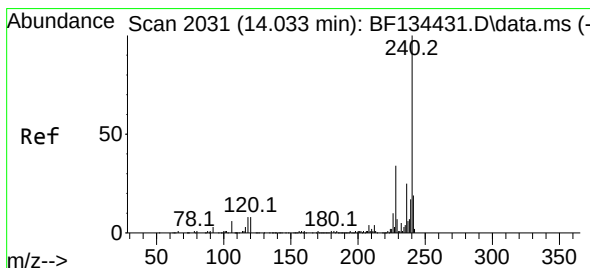
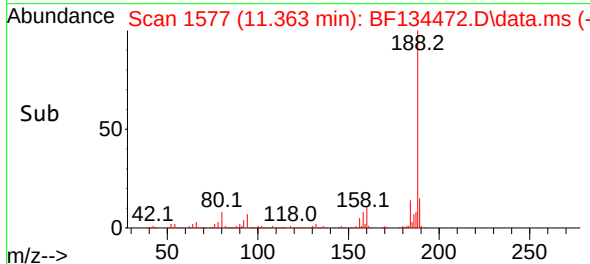
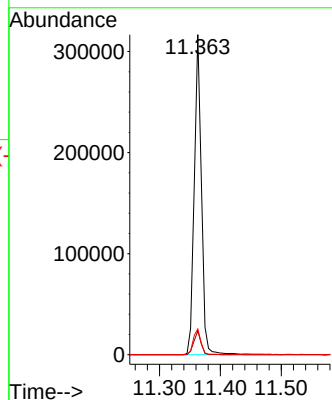
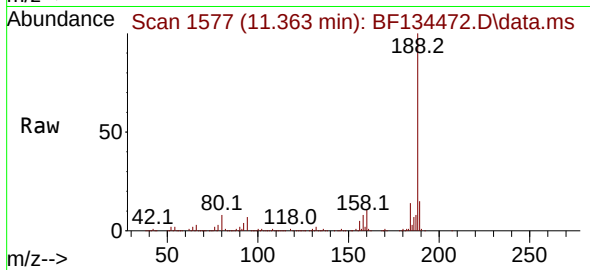




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134472.D
Acq: 25 Jul 2023 20:18

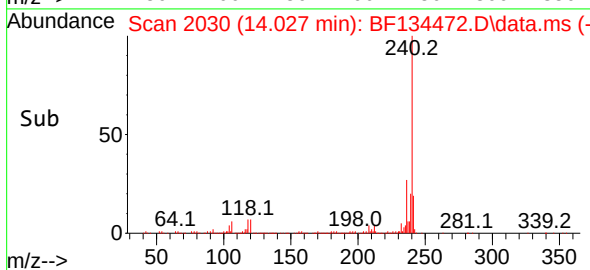
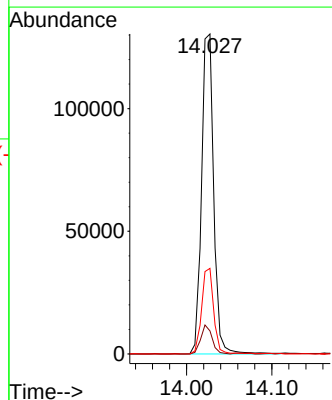
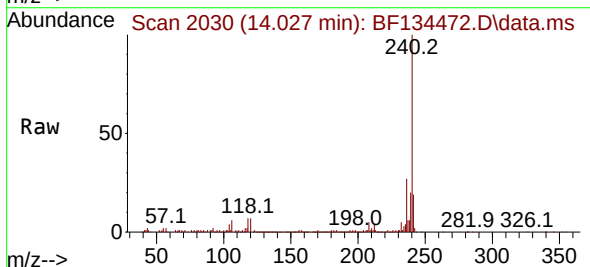
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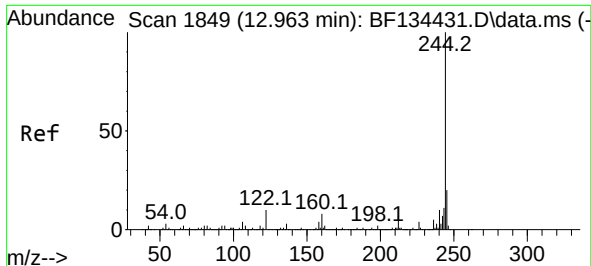
Tgt Ion:188 Resp: 257746
Ion Ratio Lower Upper
188 100
94 7.4 5.1 7.7
80 8.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134472.D
Acq: 25 Jul 2023 20:18

Tgt Ion:240 Resp: 129206
Ion Ratio Lower Upper
240 100
120 7.2 6.6 10.0
236 26.7 20.2 30.2

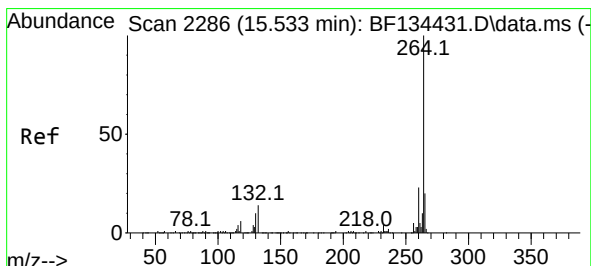
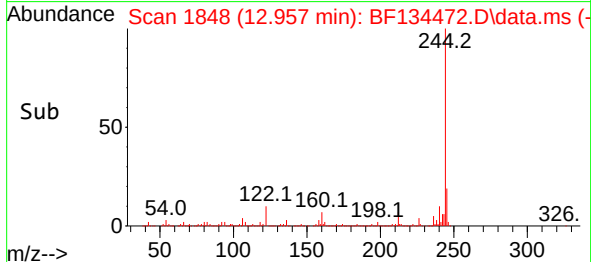
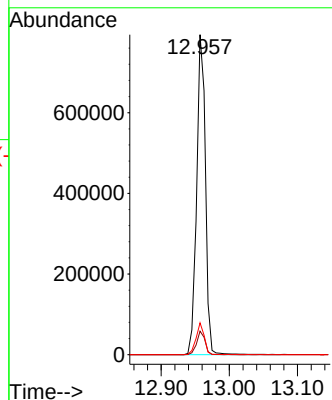
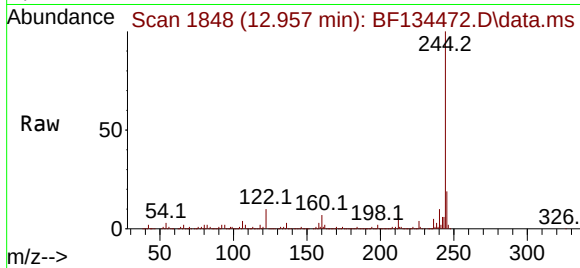




#79
 Terphenyl-d14
 Concen: 95.670 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134472.D
 Acq: 25 Jul 2023 20:18

Instrument :
 BNA_F
 ClientSampleId :
 332

Tgt Ion:244 Resp: 708109
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF134472.D
 Acq: 25 Jul 2023 20:18

Tgt Ion:264 Resp: 102805
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.4 27.6
 265 20.3 15.8 23.8

