

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134694.D
 Acq On : 09 Aug 2023 17:23
 Operator : CG\JU
 Sample : 03939-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORA-1748-1719-1750-1751-1752-1753-1754

Quant Time: Aug 10 01:41:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	207214	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	817413	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	380653	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	584202	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	445497	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	370237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	943144	69.188	ng	0.00
7) Phenol-d6	6.434	99	1285866	73.793	ng	0.00
23) Nitrobenzene-d5	7.363	82	794500	60.741	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	242855	62.585	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1391646	60.787	ng	0.00
79) Terphenyl-d14	12.921	244	1218793	48.229	ng	0.00

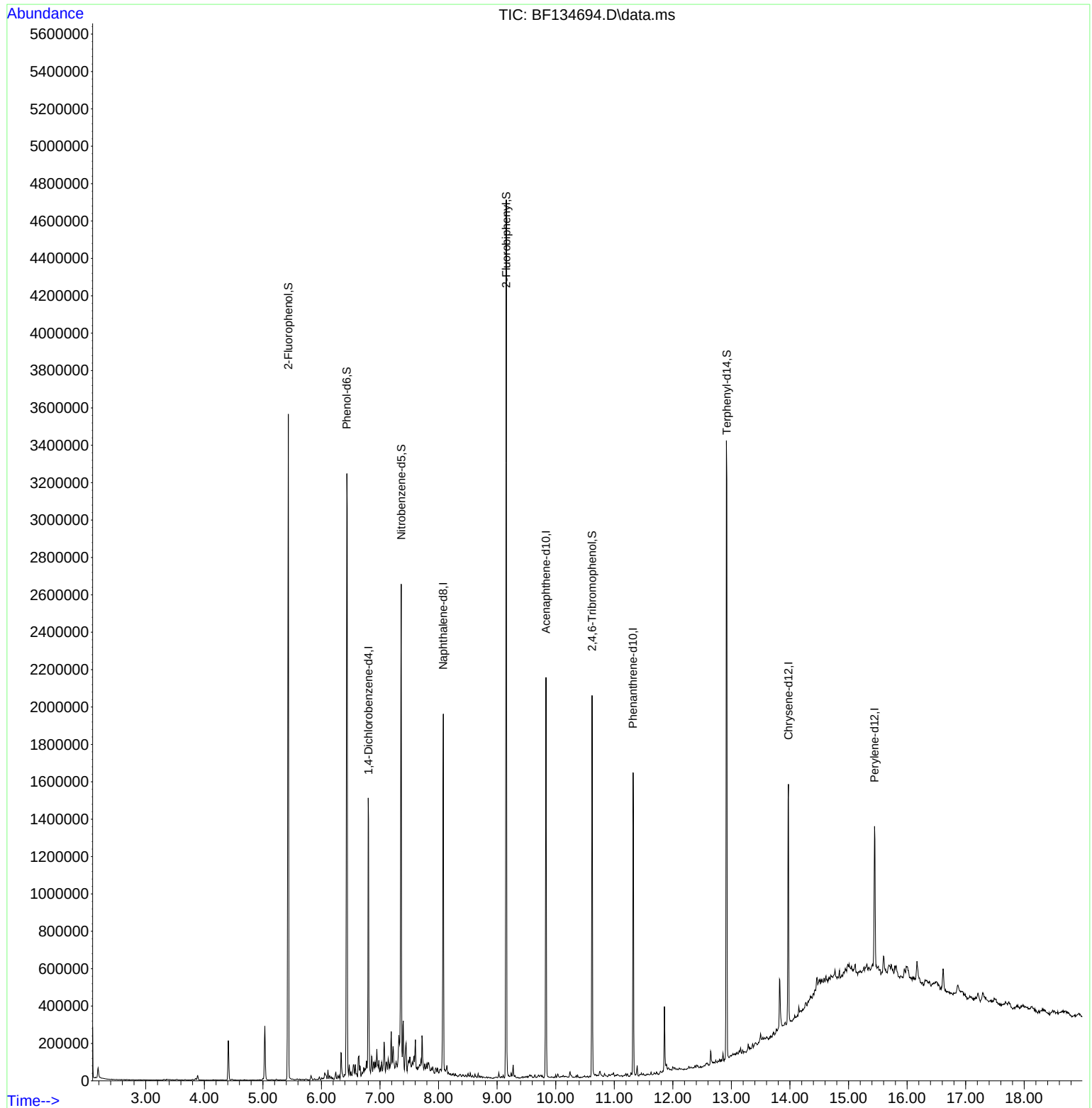
Target Compounds	Qvalue

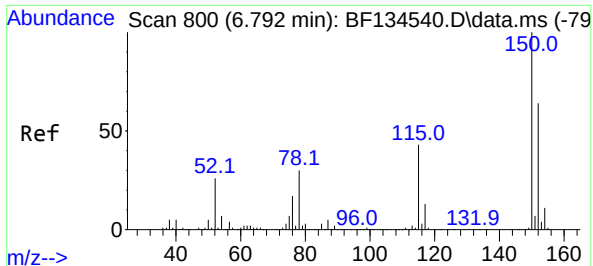
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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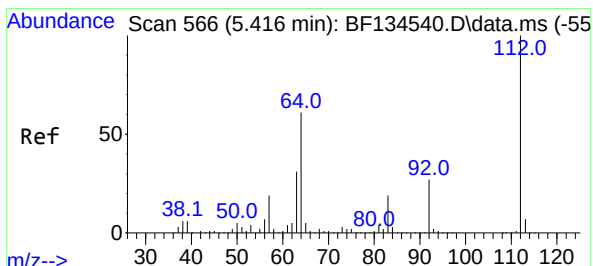
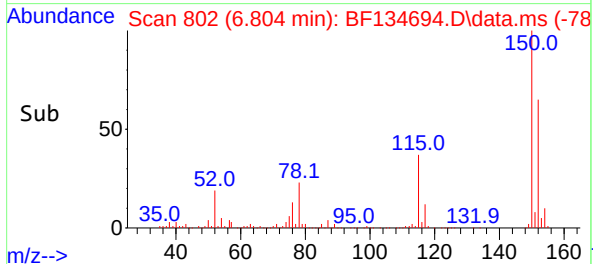
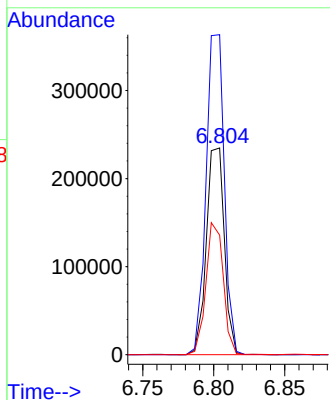
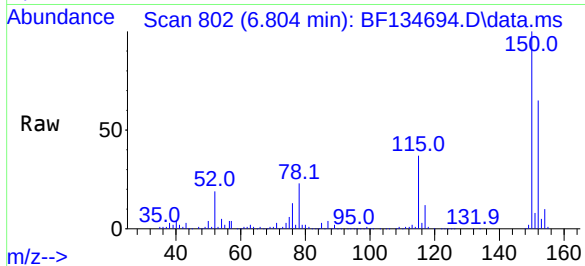




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

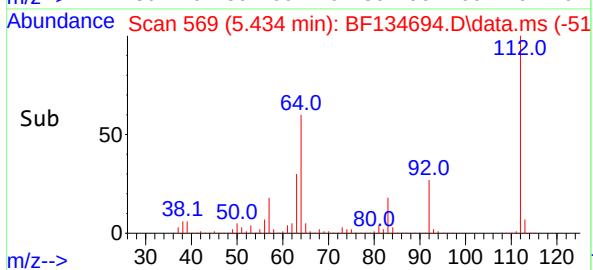
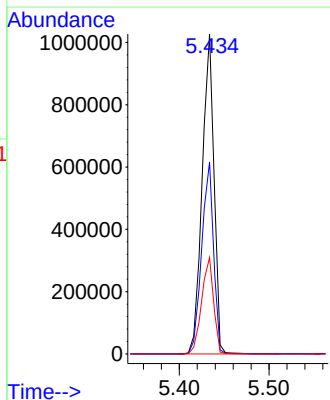
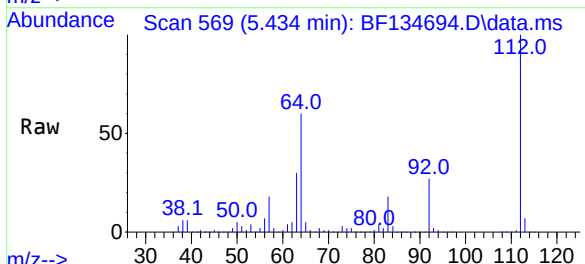
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

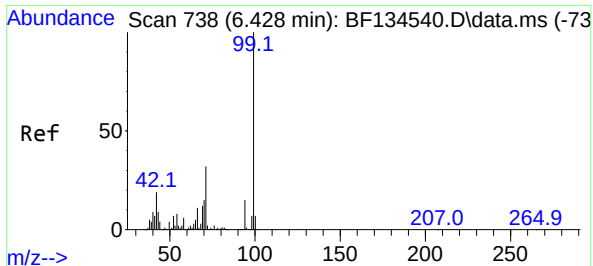
Tgt Ion:152 Resp: 207214
Ion Ratio Lower Upper
152 100
150 154.8 128.3 192.5
115 57.9 52.4 78.6



#5
2-Fluorophenol
Concen: 69.188 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

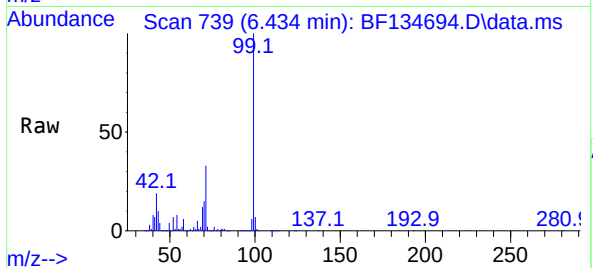
Tgt Ion:112 Resp: 943144
Ion Ratio Lower Upper
112 100
64 60.0 44.9 67.3
63 30.2 25.4 38.0



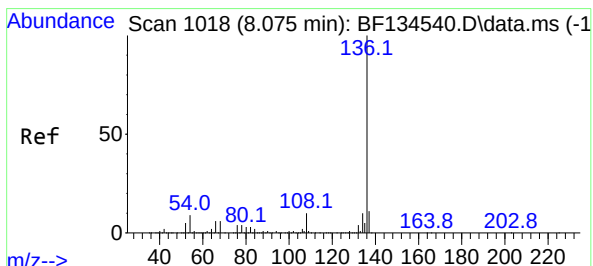
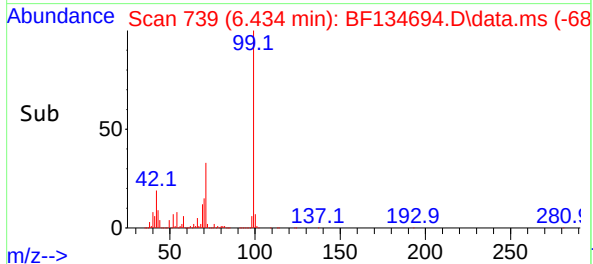
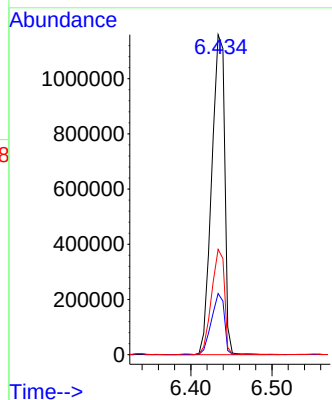


#7
Phenol-d6
Concen: 73.793 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

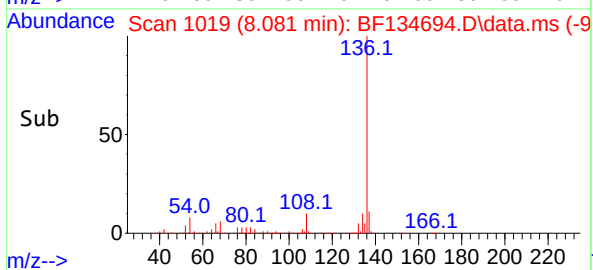
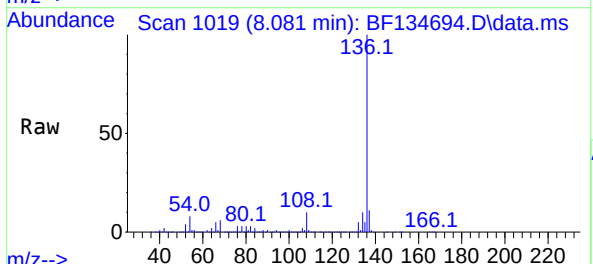
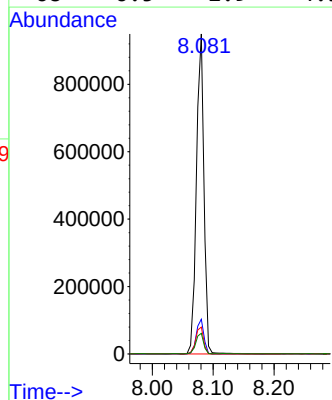


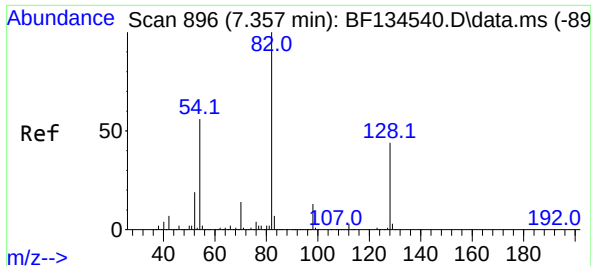
Tgt Ion: 99 Resp: 1285866
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 32.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

Tgt Ion: 136 Resp: 817413
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.4 5.2 7.8#
68 6.5 2.9 4.3#

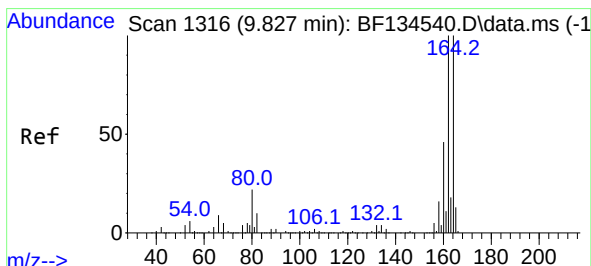
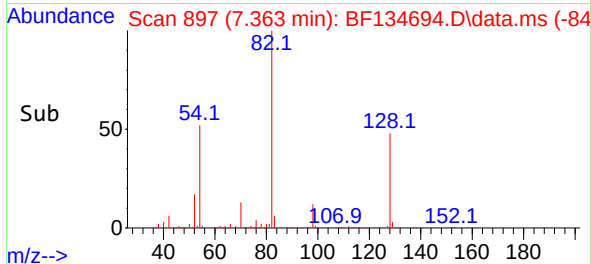
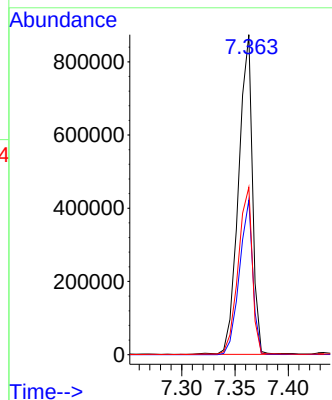
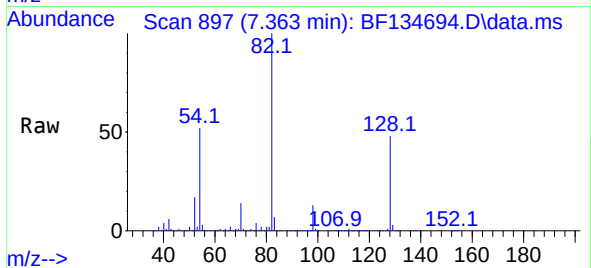




#23
Nitrobenzene-d5
Concen: 60.741 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

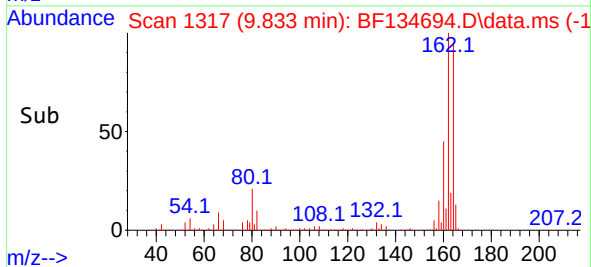
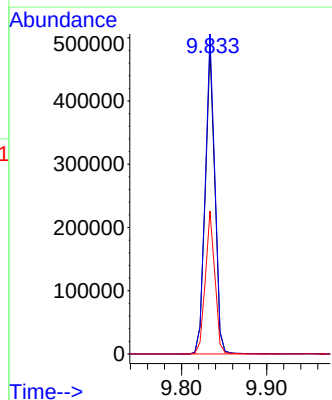
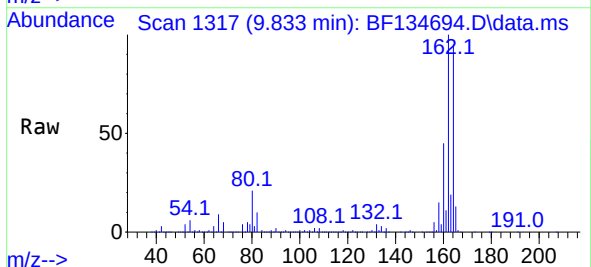
Instrument :
BNA_F
ClientSampleId :
ORA-1748-1719-1750-1751-1752-1753-1754

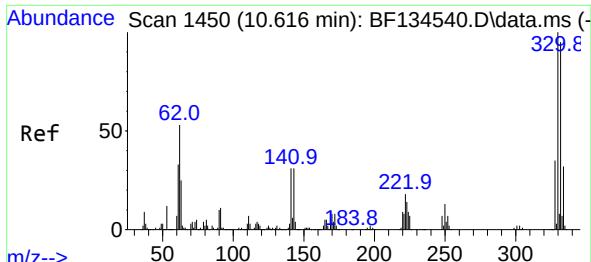
Tgt Ion: 82 Resp: 794500
Ion Ratio Lower Upper
82 100
128 48.3 34.3 51.5
54 52.3 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

Tgt Ion: 164 Resp: 380653
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 46.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 62.585 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134694.D

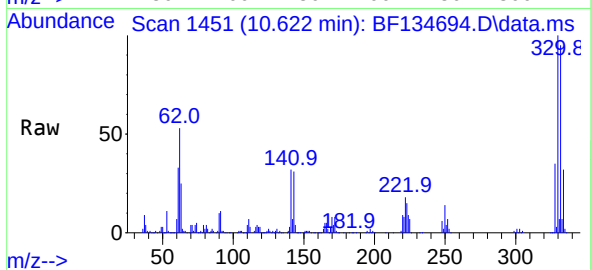
Acq: 09 Aug 2023 17:23

Instrument :

BNA_F

ClientSampleId :

ORA-1748-1719-1750-1751-1752-1753-1754



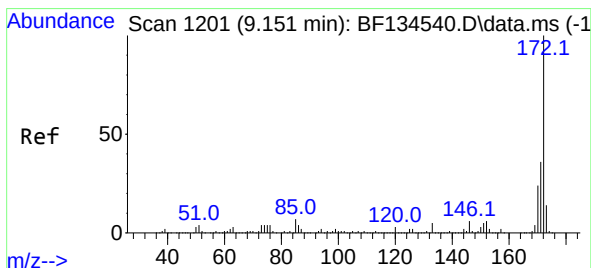
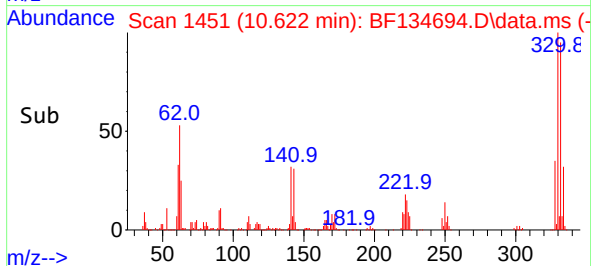
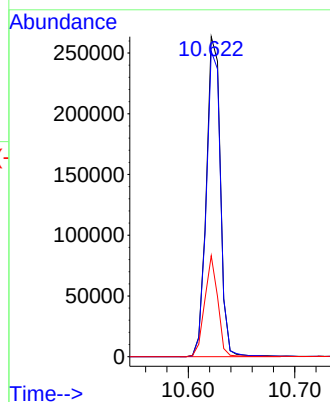
Tgt Ion:330 Resp: 242855

Ion Ratio Lower Upper

330 100

332 97.0 78.8 118.2

141 29.3 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 60.787 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134694.D

Acq: 09 Aug 2023 17:23

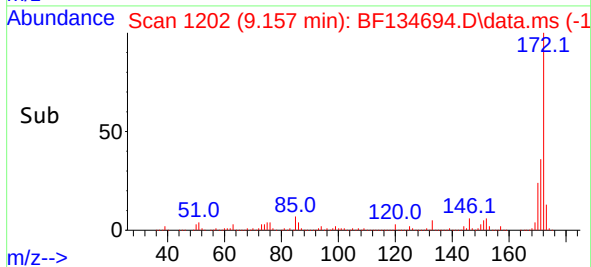
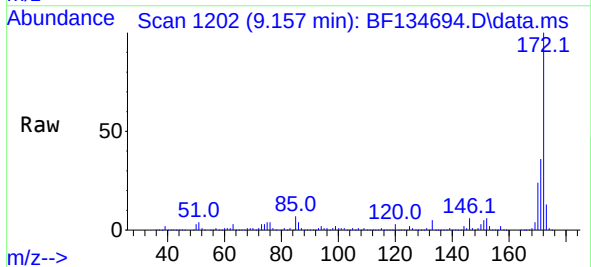
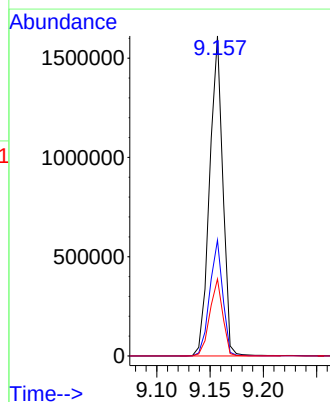
Tgt Ion:172 Resp: 1391646

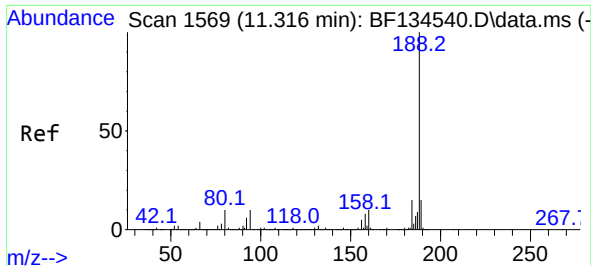
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.1 18.7 28.1

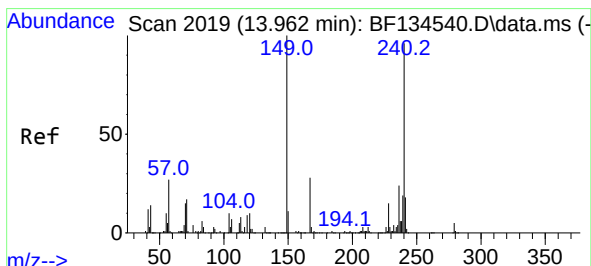
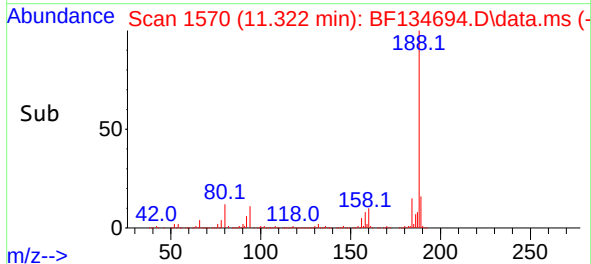
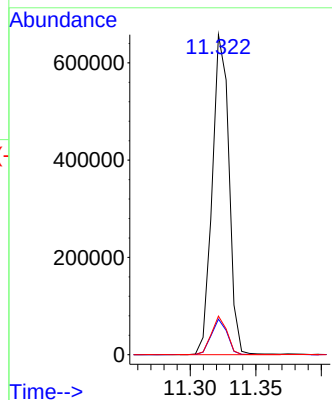
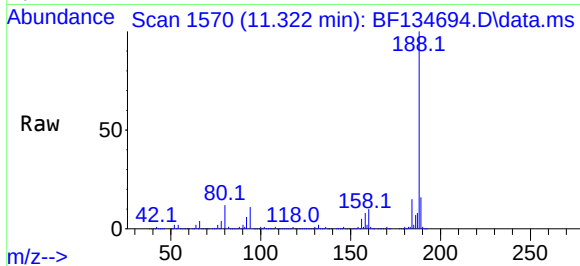




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

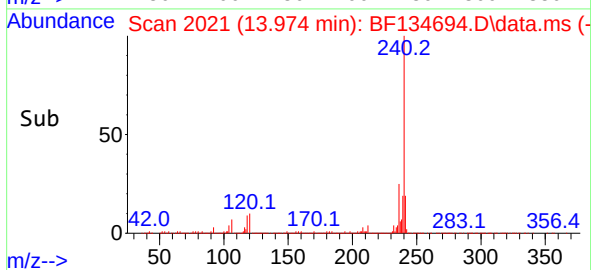
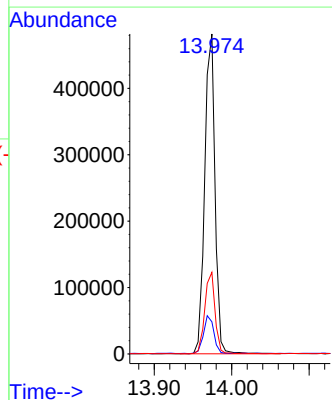
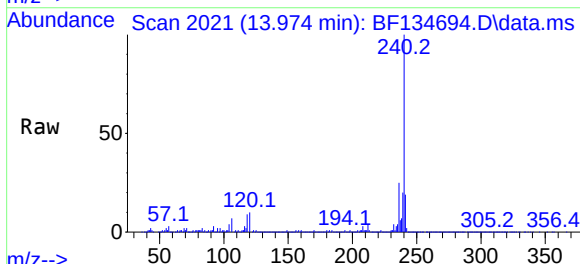
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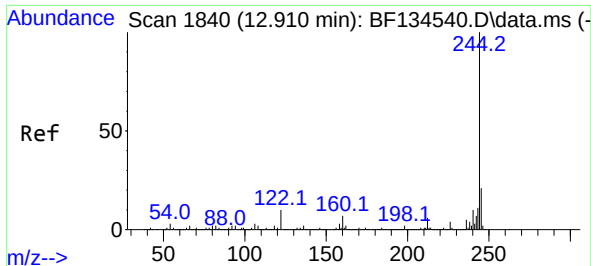
Tgt Ion:188 Resp: 584202
Ion Ratio Lower Upper
188 100
94 11.1 5.1 7.7#
80 12.1 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134694.D
Acq: 09 Aug 2023 17:23

Tgt Ion:240 Resp: 445497
Ion Ratio Lower Upper
240 100
120 10.0 6.6 10.0#
236 25.5 20.2 30.2

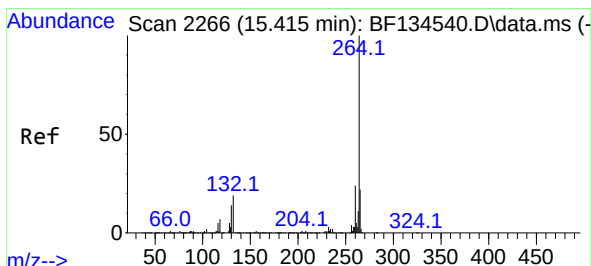
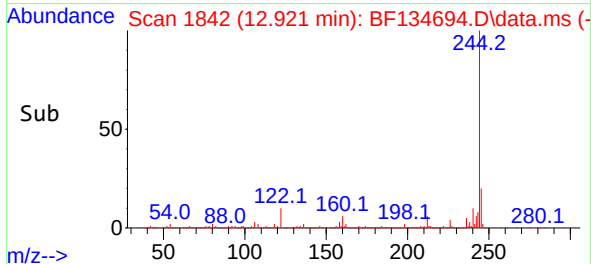
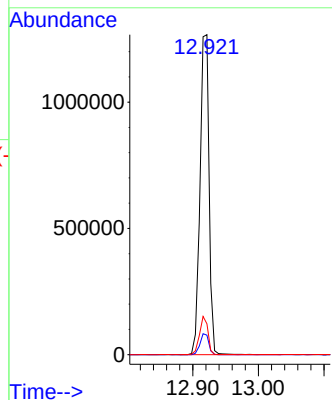
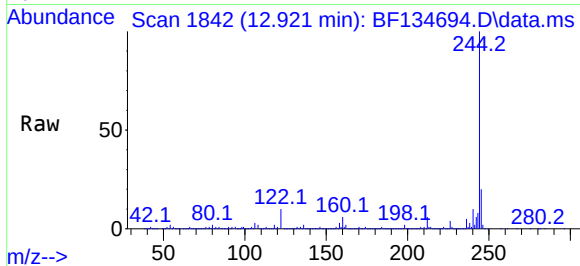




#79
 Terphenyl-d14
 Concen: 48.229 ng
 RT: 12.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134694.D
 Acq: 09 Aug 2023 17:23

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Tgt Ion:244 Resp: 1218793
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134694.D
 Acq: 09 Aug 2023 17:23

Tgt Ion:264 Resp: 370237
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 22.1 15.8 23.8

