

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137002.D
 Acq On : 08 Jan 2024 19:03
 Operator : CG\JU
 Sample : P1056-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-311P-30-32

Quant Time: Jan 09 00:42:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68133	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	260872	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	133540	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	245772	20.000	ng	0.00
76) Chrysene-d12	13.969	240	119905	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	132097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	363068	83.145	ng	0.00
7) Phenol-d6	6.434	99	453690	80.183	ng	0.00
23) Nitrobenzene-d5	7.346	82	281443	55.206	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	131547	83.642	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	580200	58.436	ng	-0.01
79) Terphenyl-d14	12.904	244	506226	59.000	ng	-0.01

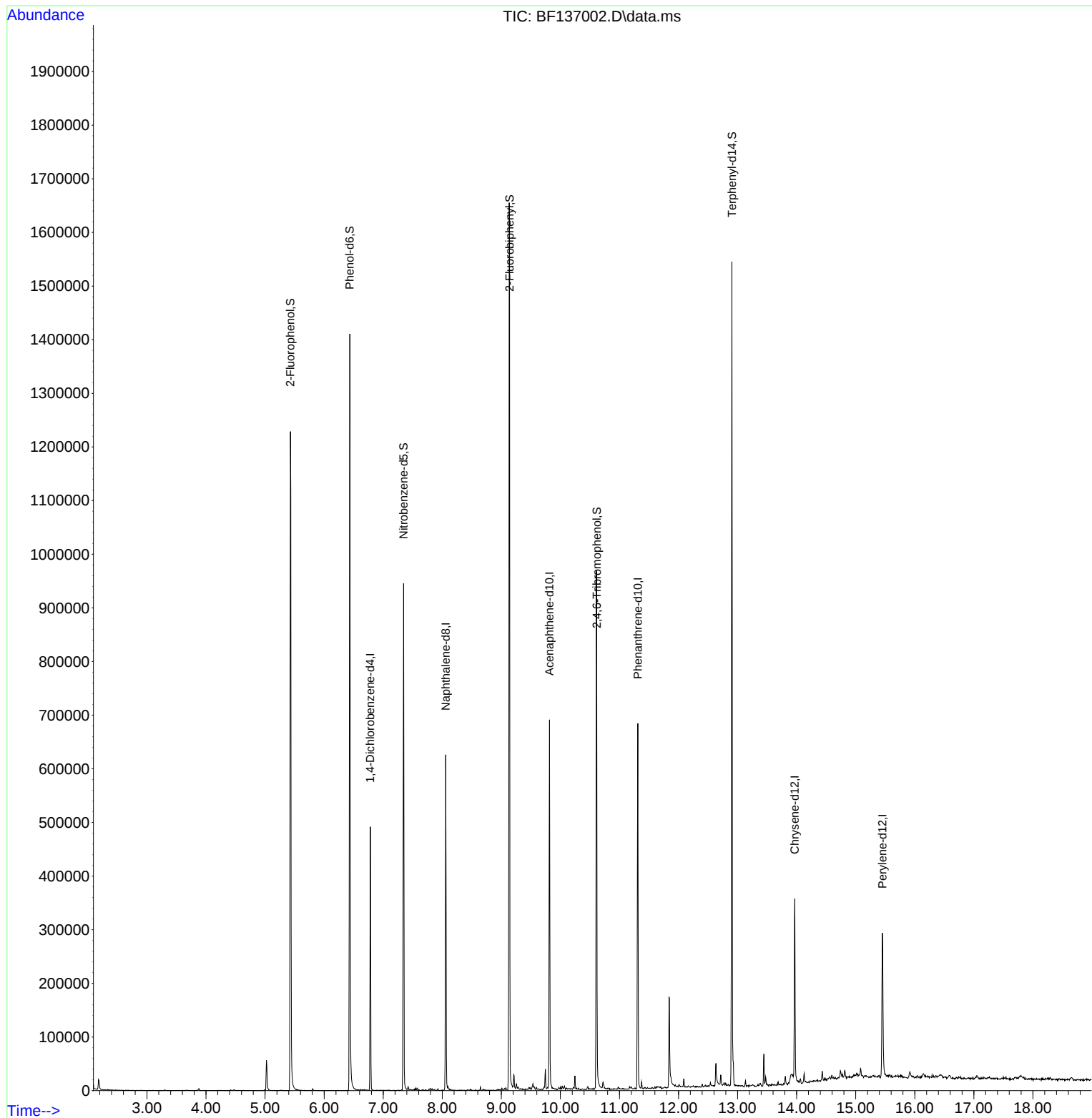
Target Compounds	Qvalue

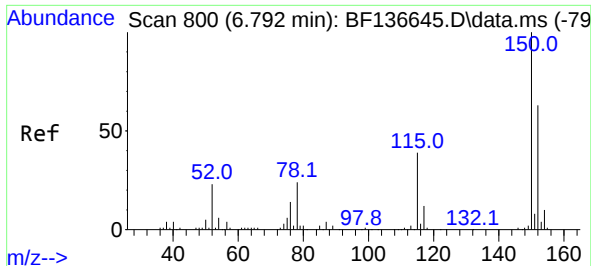
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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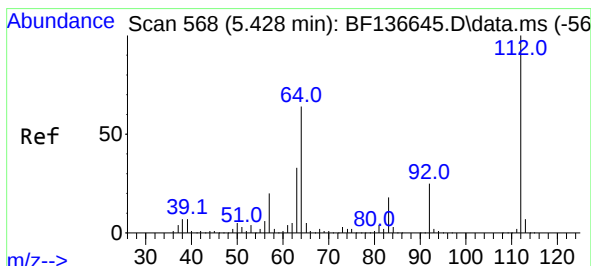
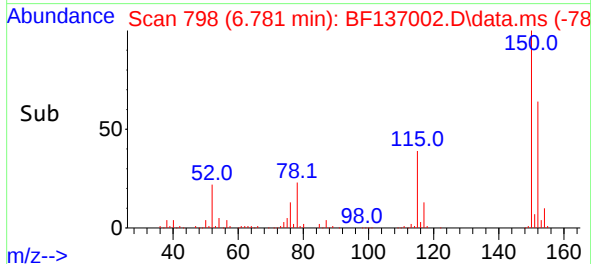
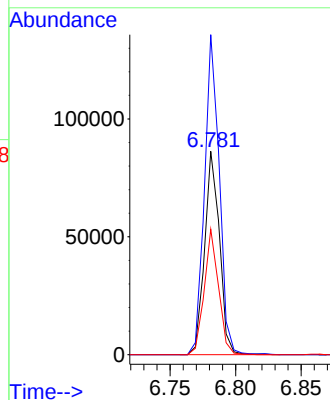
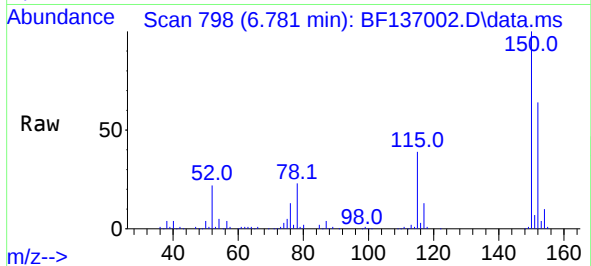




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

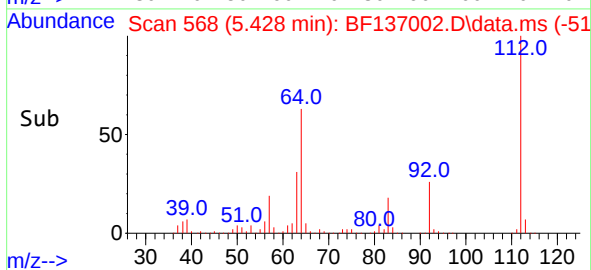
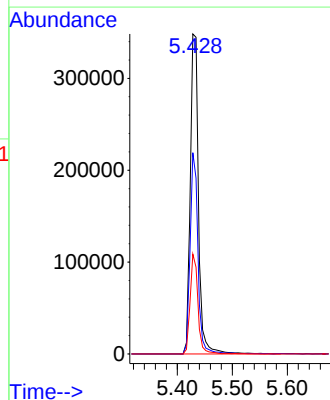
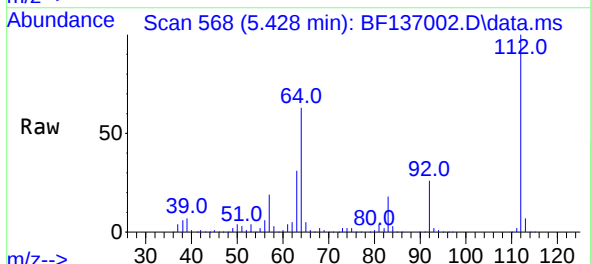
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

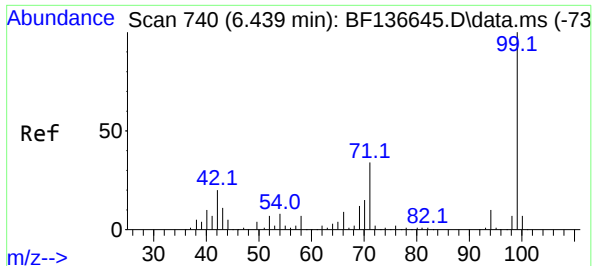
Tgt Ion:152 Resp: 68133
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 61.7 49.0 73.4



#5
2-Fluorophenol
Concen: 83.145 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

Tgt Ion:112 Resp: 363068
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 31.2 26.1 39.1

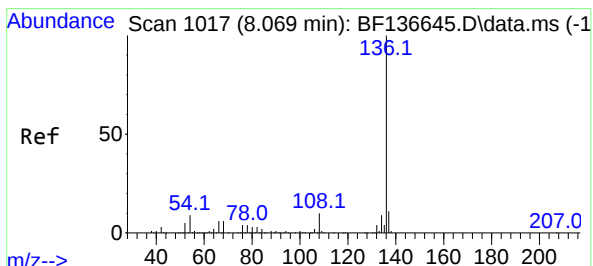
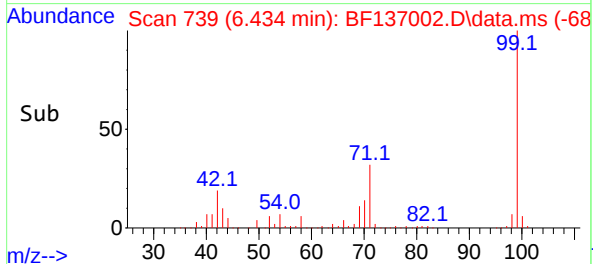
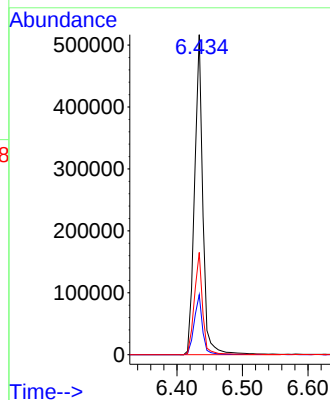
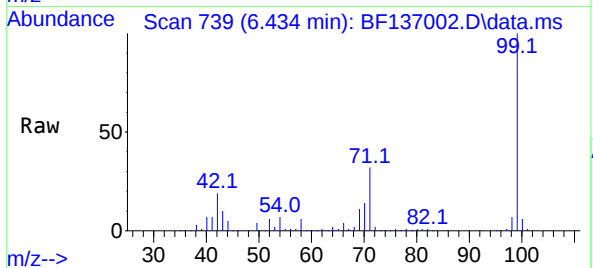




#7
Phenol-d6
Concen: 80.183 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

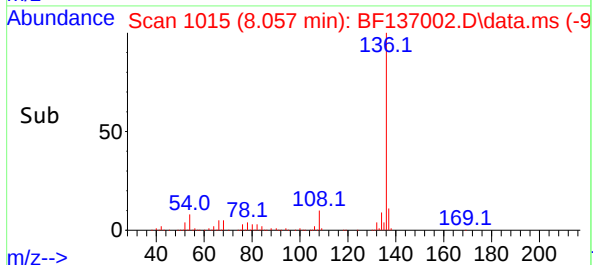
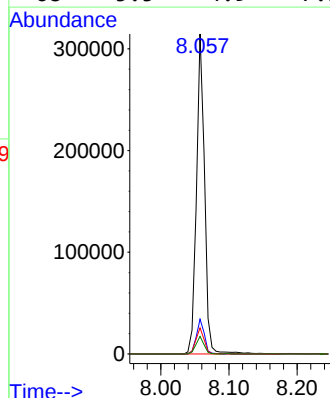
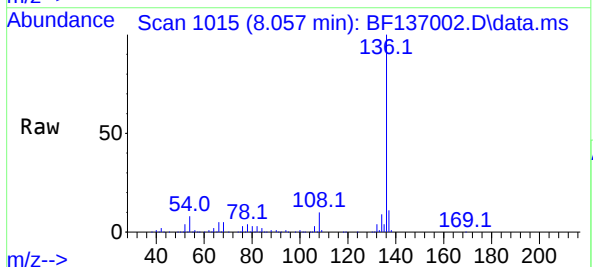
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

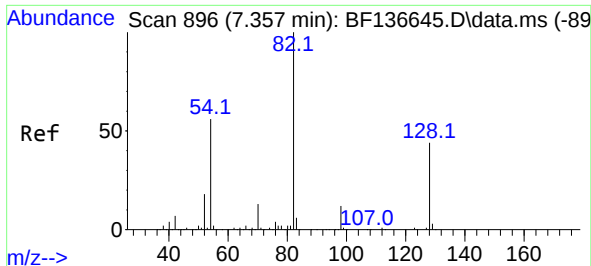
Tgt Ion: 99 Resp: 453690
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 31.9 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

Tgt Ion: 136 Resp: 260872
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.1 7.2 10.8
68 5.5 4.9 7.3

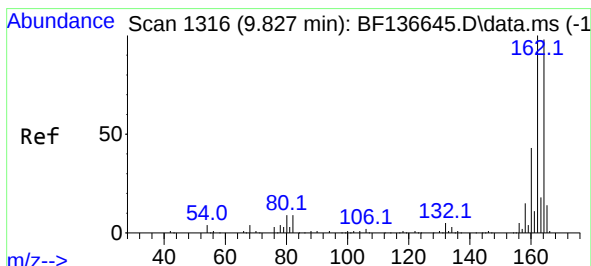
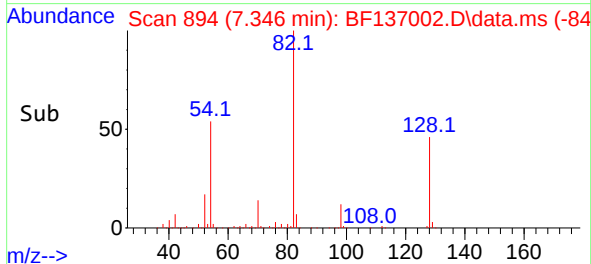
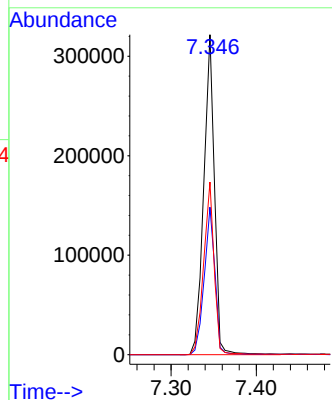
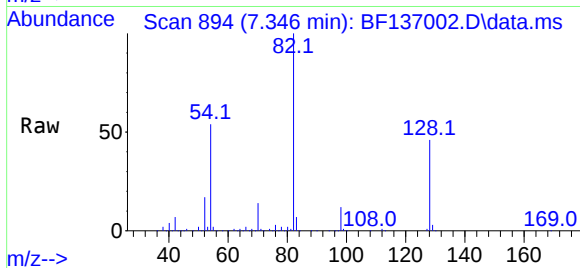




#23
Nitrobenzene-d5
Concen: 55.206 ng
RT: 7.346 min Scan# 89
Delta R.T. -0.011 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

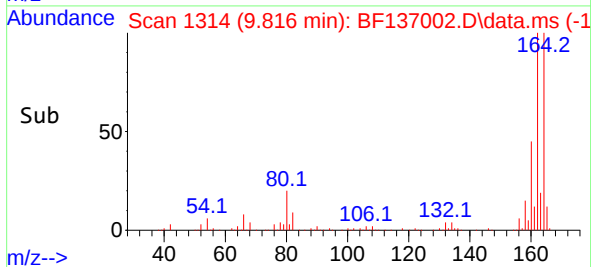
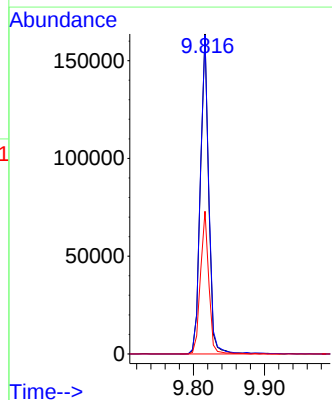
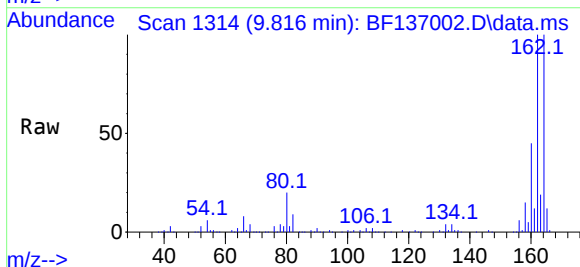
Instrument :
BNA_F
ClientSampleId :
MR-311P-30-32

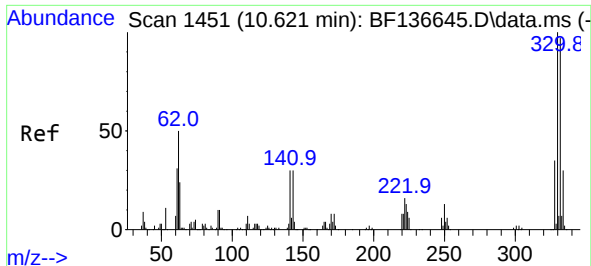
Tgt Ion: 82 Resp: 281443
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 53.9 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

Tgt Ion:164 Resp: 133540
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 83.642 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.005 min

Lab File: BF137002.D

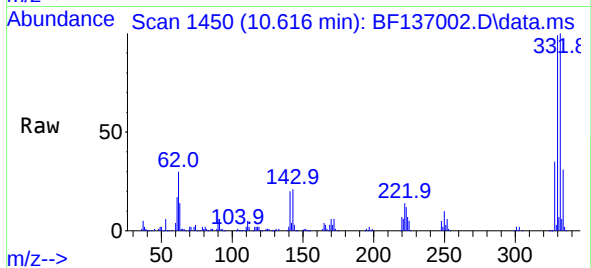
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Instrument :

BNA_F

ClientSampleId :

MR-311P-30-32



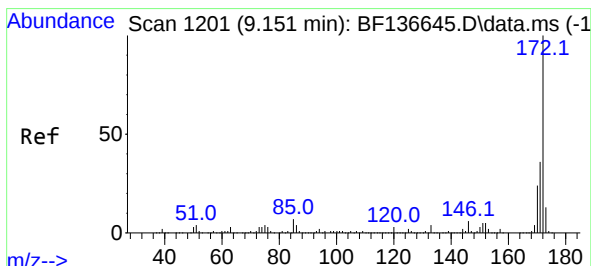
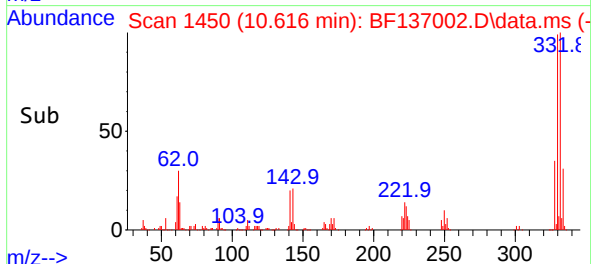
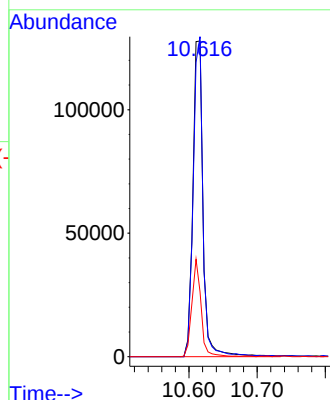
Tgt Ion:330 Resp: 131547

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 58.436 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF137002.D

Acq: 08 Jan 2024 19:03

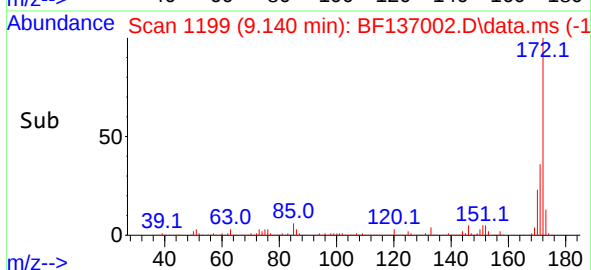
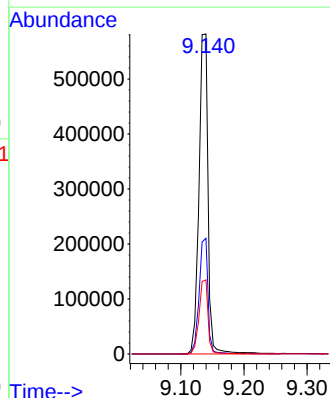
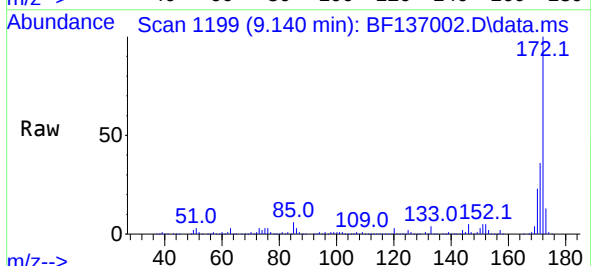
Tgt Ion:172 Resp: 580200

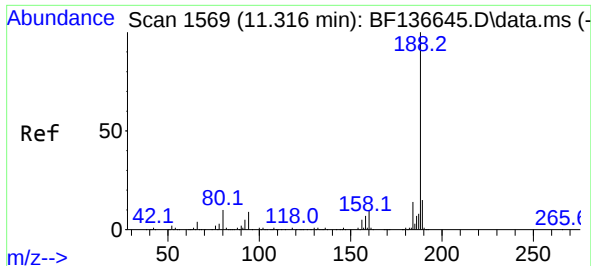
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

170 23.2 19.0 28.4

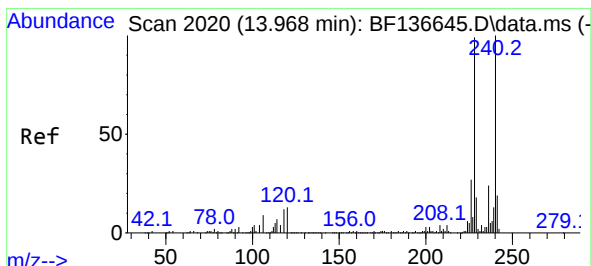
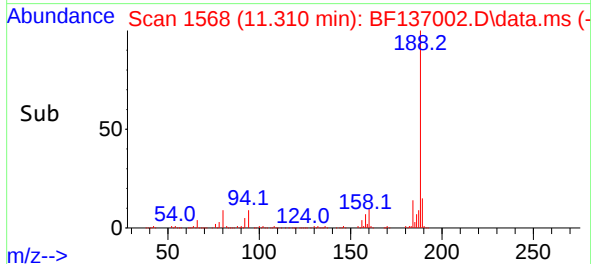
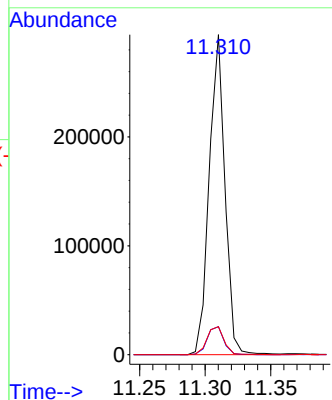
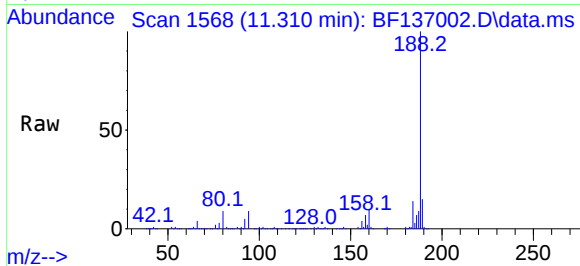




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

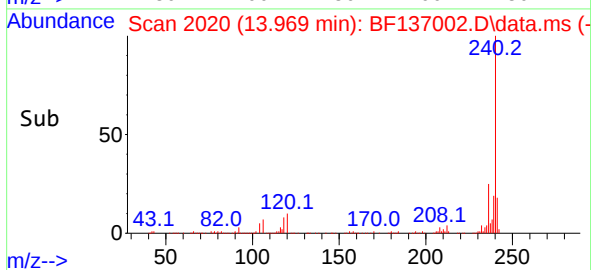
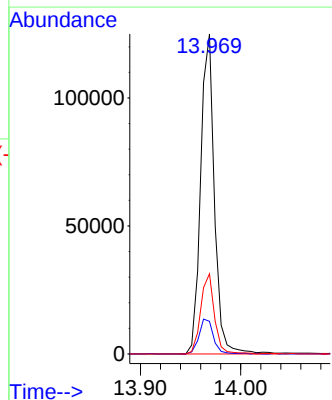
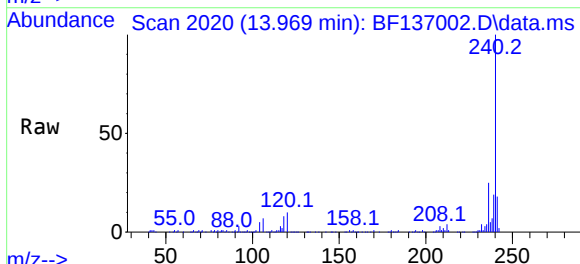
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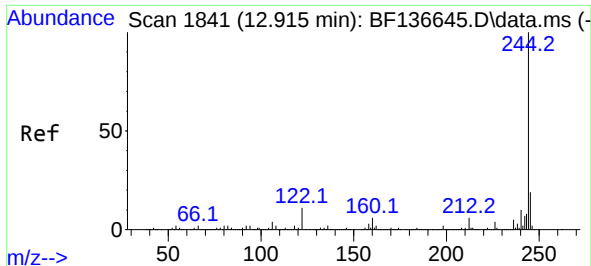
Tgt Ion:188 Resp: 245772
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

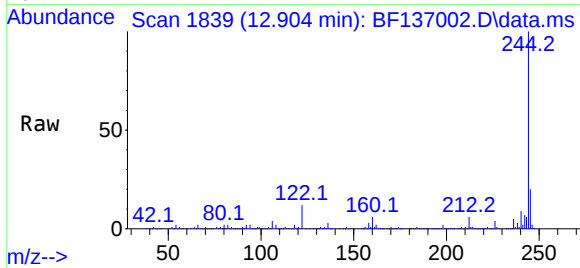
Tgt Ion:240 Resp: 119905
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 25.0 19.4 29.2



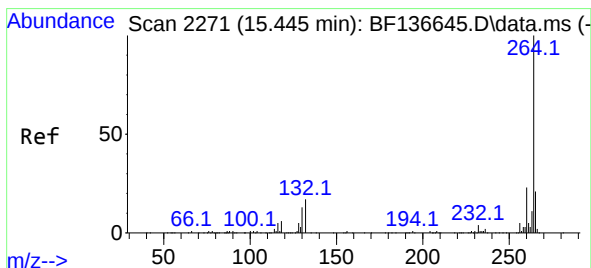
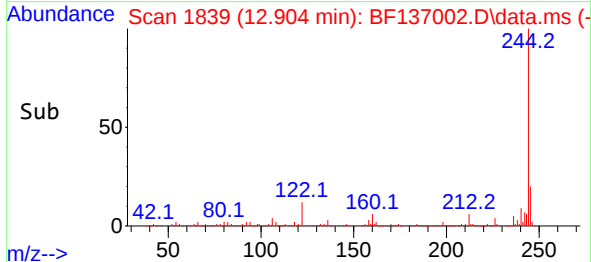
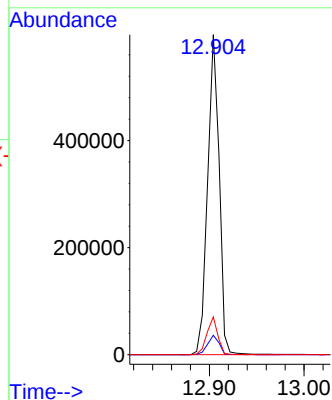


#79
Terphenyl-d14
Concen: 59.000 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.011 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

Instrument :
BNA_F
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Tgt Ion:244 Resp: 506226
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF137002.D
Acq: 08 Jan 2024 19:03

Tgt Ion:264 Resp: 132097
Ion Ratio Lower Upper
264 100
260 21.6 18.3 27.5
265 20.8 17.0 25.6

