

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137455.D
 Acq On : 01 Mar 2024 13:18
 Operator : CG\JU
 Sample : P1653-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 294

Quant Time: Mar 01 13:43:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

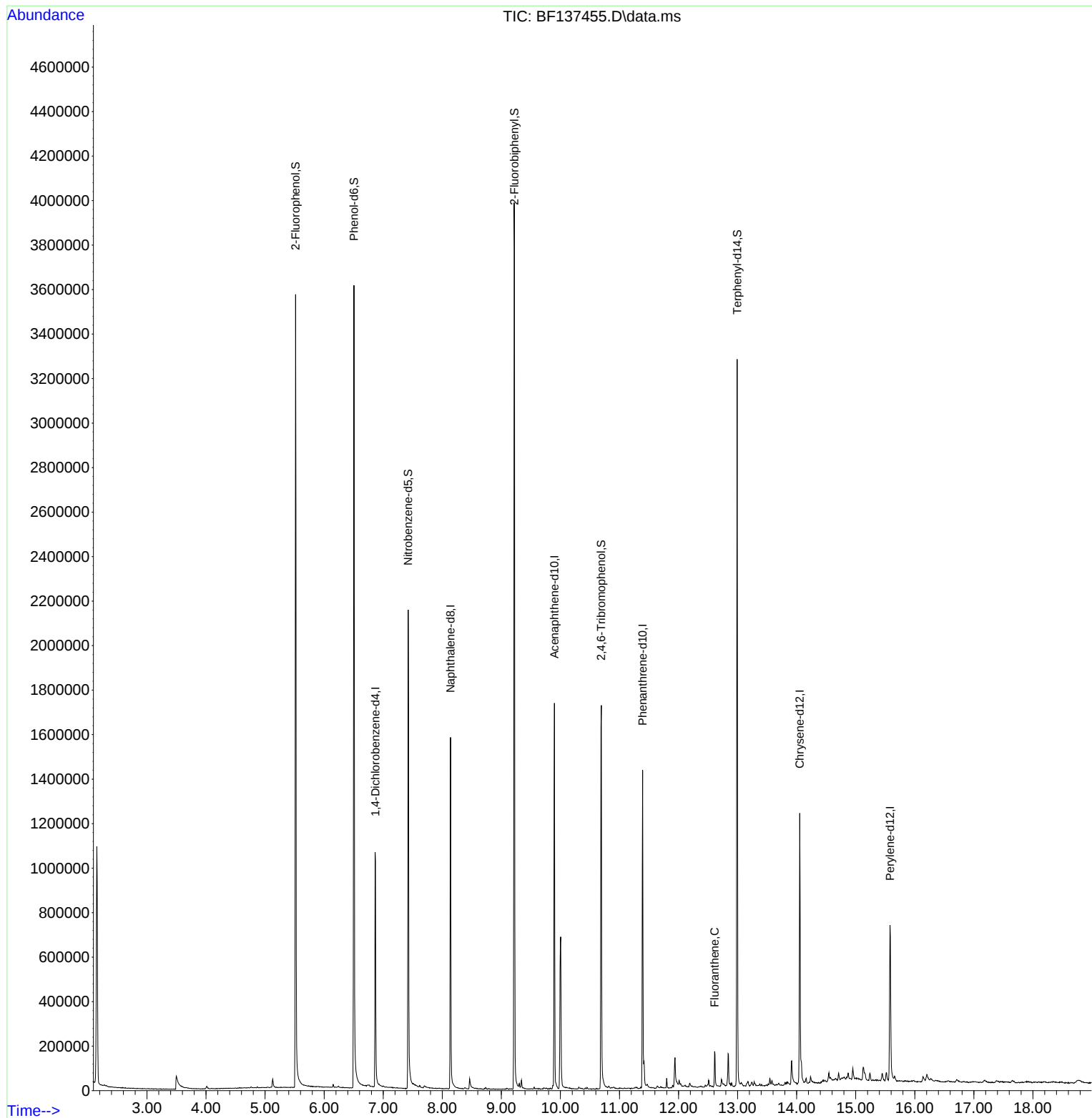
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	169476	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	651870	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	337489	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	498679	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	375477	20.000	ng	-0.02
86) Perylene-d12	15.580	264	348119	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	967202	86.435	ng	-0.02
7) Phenol-d6	6.504	99	1269633	78.604	ng	-0.02
23) Nitrobenzene-d5	7.422	82	757830	54.017	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	202919	68.467	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1269885	58.901	ng	-0.01
79) Terphenyl-d14	12.992	244	1064044	38.968	ng	-0.02
Target Compounds						
75) Fluoranthene	12.610	202	71179	2.683	ng	Qvalue 99

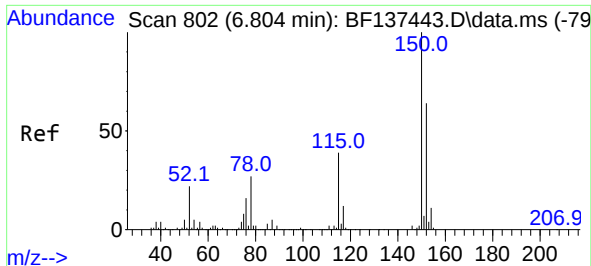
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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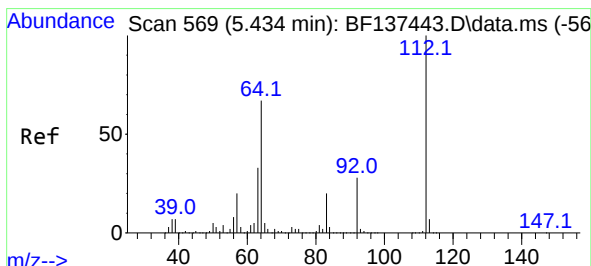
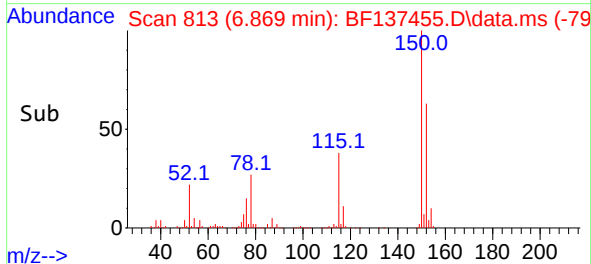
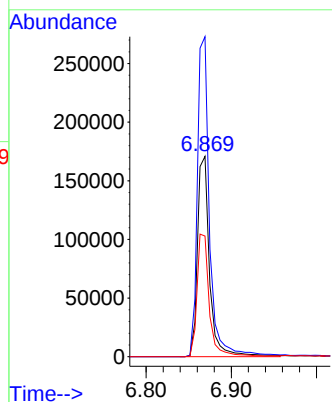
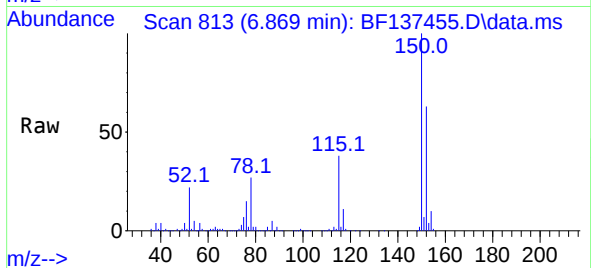




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

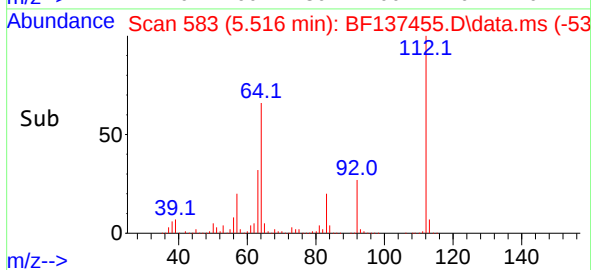
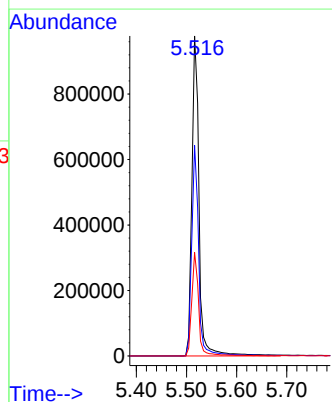
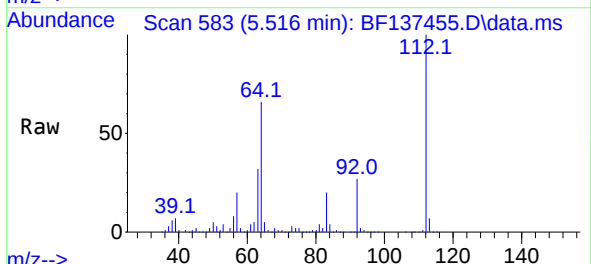
Instrument :
BNA_F
ClientSampleId :
294

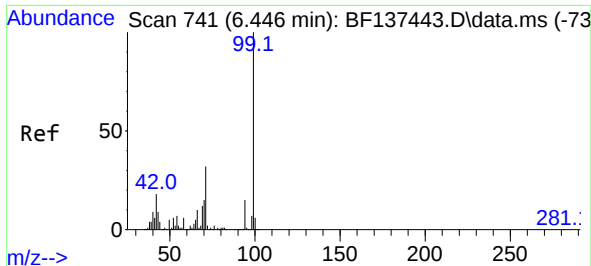
Tgt Ion:152 Resp: 169476
Ion Ratio Lower Upper
152 100
150 159.7 125.8 188.6
115 60.2 48.8 73.2



#5
2-Fluorophenol
Concen: 86.435 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

Tgt Ion:112 Resp: 967202
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 32.4 26.2 39.2

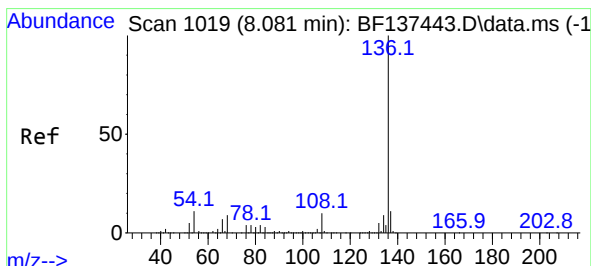
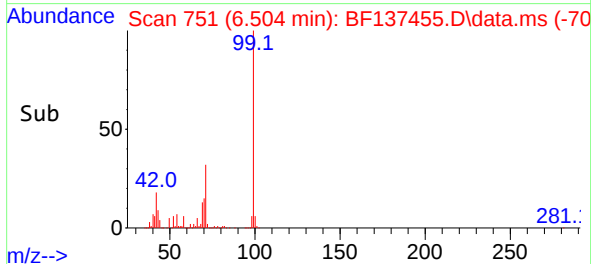
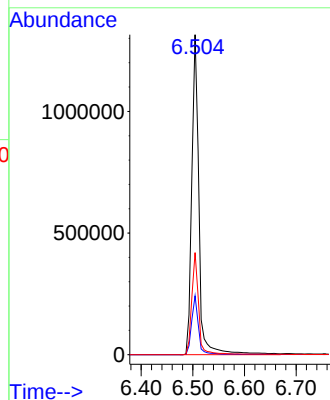
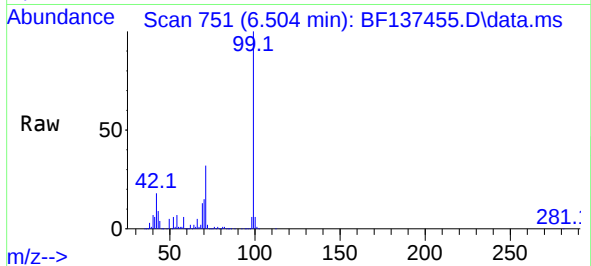




#7
Phenol-d6
Concen: 78.604 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

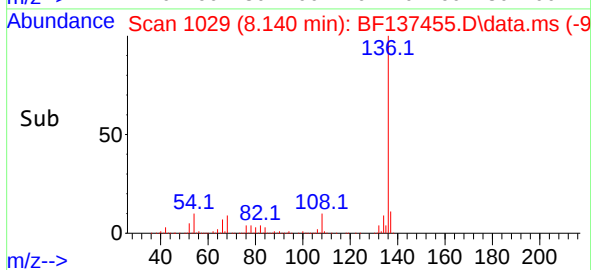
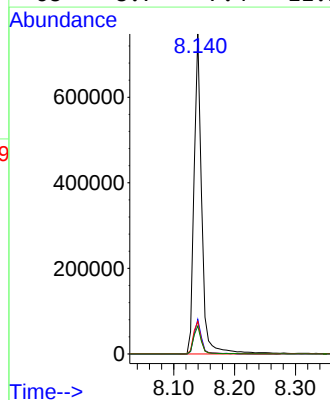
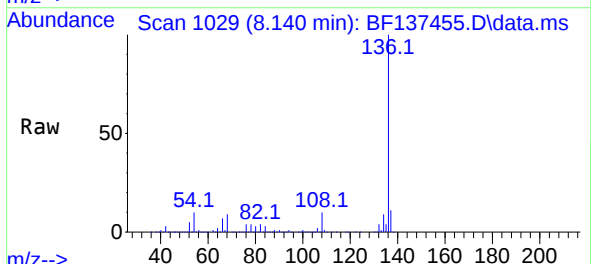
Instrument :
BNA_F
ClientSampleId :
294

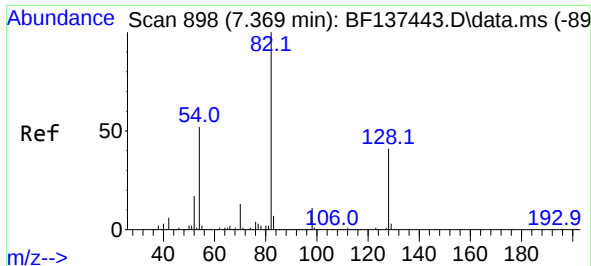
Tgt Ion: 99 Resp: 1269633
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

Tgt Ion: 136 Resp: 651870
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.1 8.5 12.7
68 8.7 7.4 11.2

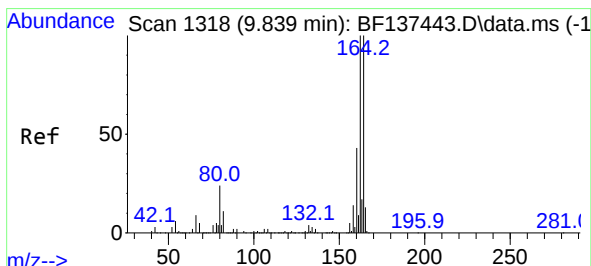
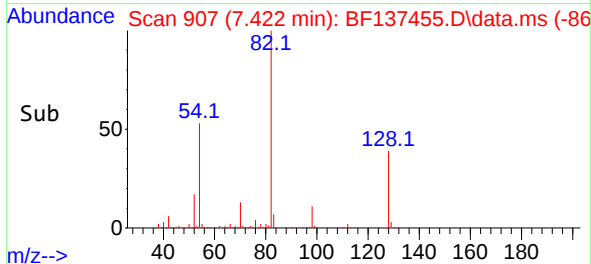
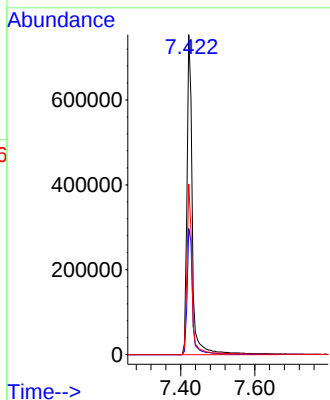
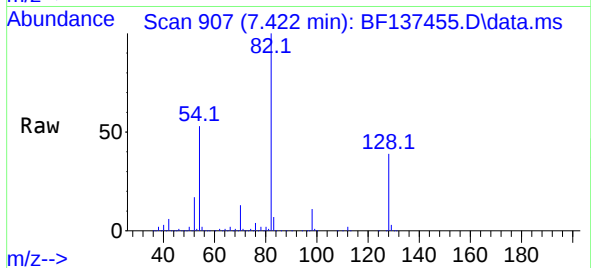




#23
Nitrobenzene-d5
Concen: 54.017 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.023 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

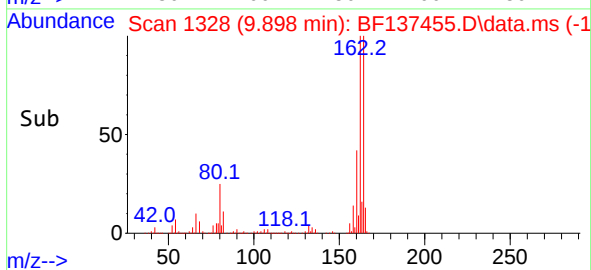
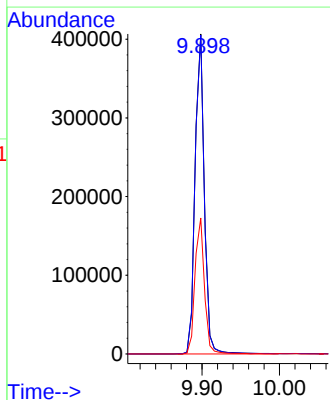
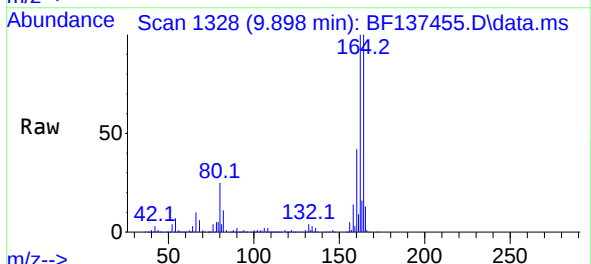
Instrument :
BNA_F
ClientSampleId :
294

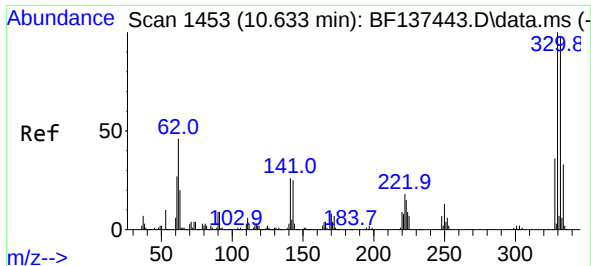
Tgt Ion: 82 Resp: 757830
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 53.3 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

Tgt Ion: 164 Resp: 337489
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 68.467 ng

RT: 10.692 min Scan# 1453

Delta R.T. -0.018 min

Lab File: BF137455.D

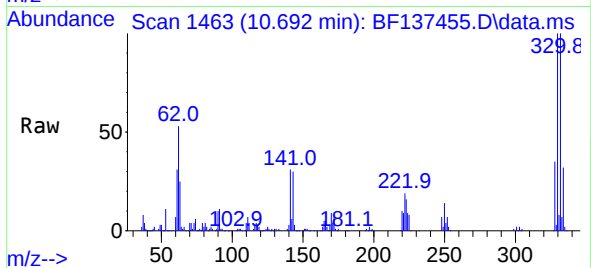
Acq: 01 Mar 2024 13:18

Instrument :

BNA_F

ClientSampleId :

294



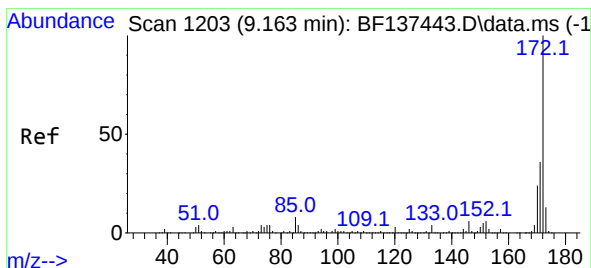
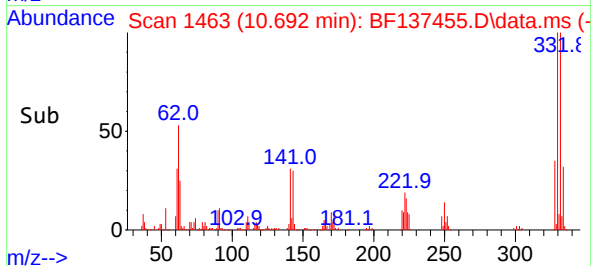
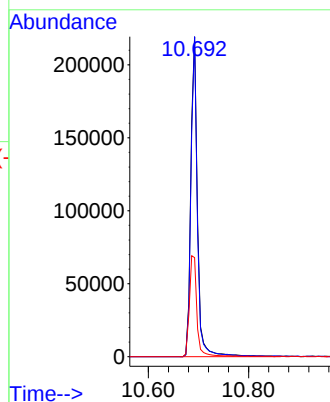
Tgt Ion:330 Resp: 202919

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

141 35.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 58.901 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF137455.D

Acq: 01 Mar 2024 13:18

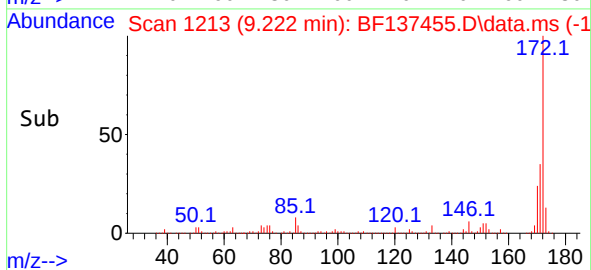
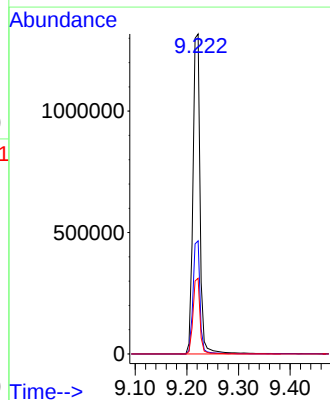
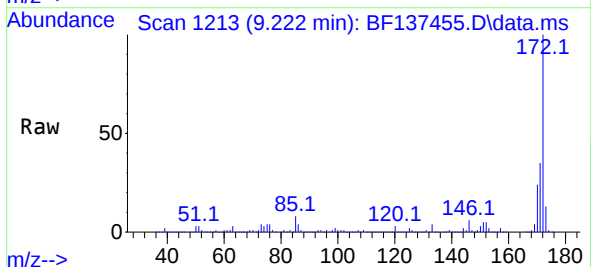
Tgt Ion:172 Resp: 1269885

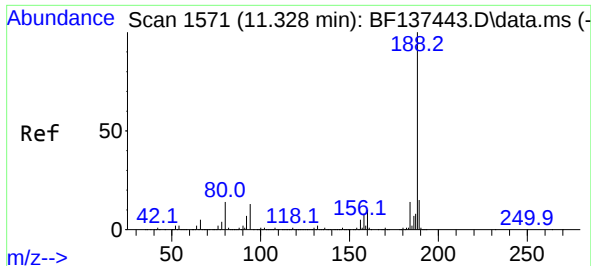
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.6 19.0 28.6

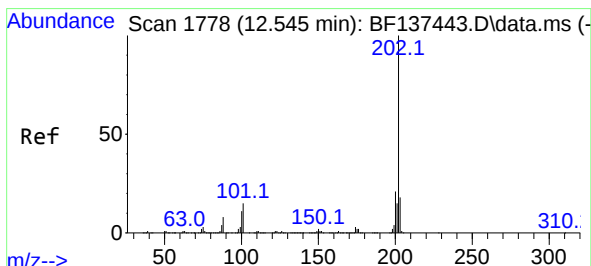
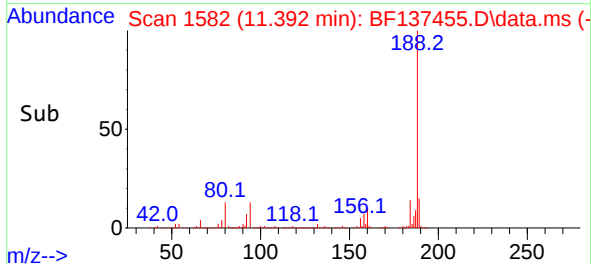
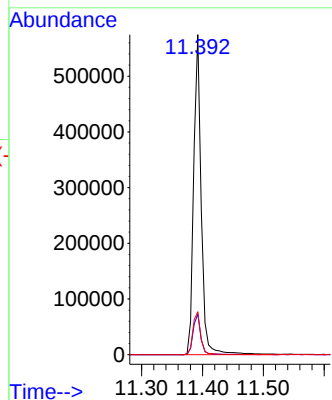
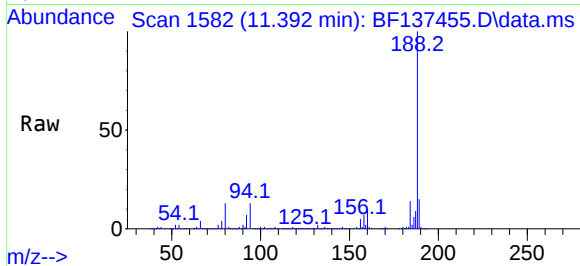




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

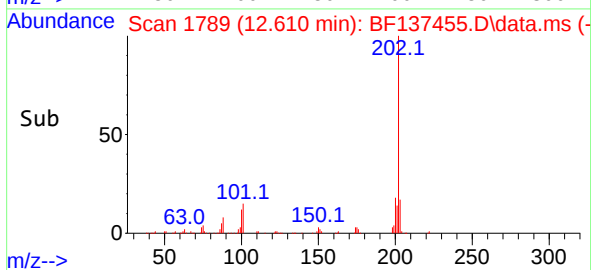
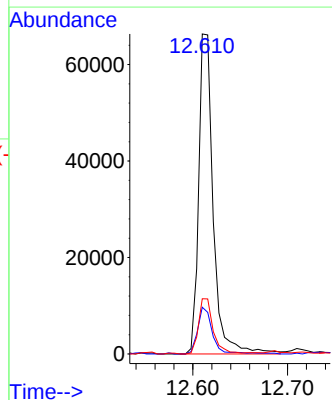
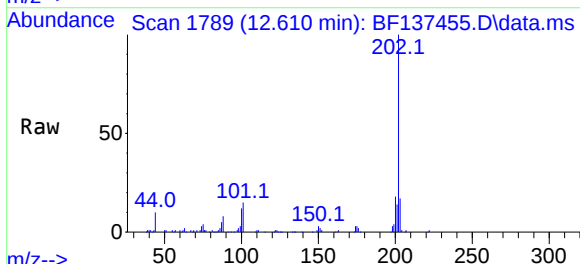
Instrument :
BNA_F
ClientSampleId :
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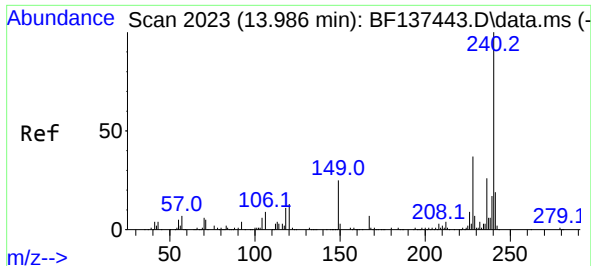
Tgt Ion:188 Resp: 498679
Ion Ratio Lower Upper
188 100
94 12.7 10.6 15.8
80 13.3 11.5 17.3



#75
Fluoranthene
Concen: 2.683 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

Tgt Ion:202 Resp: 71179
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.0
203 17.2 0.0 37.7

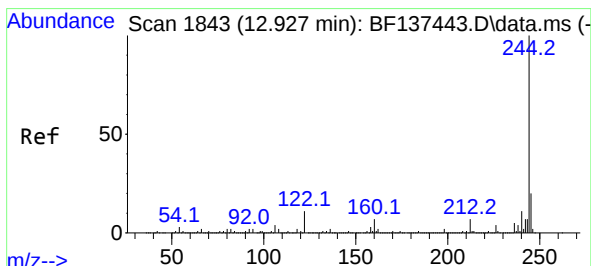
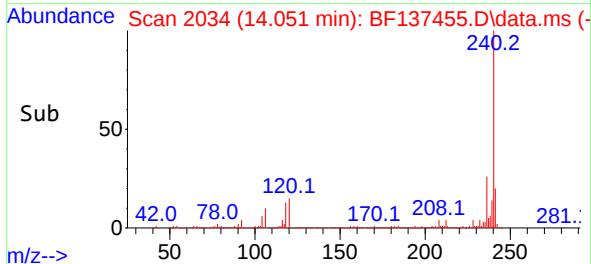
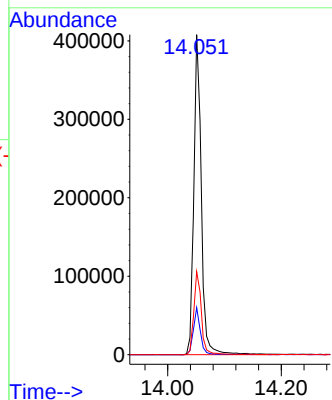
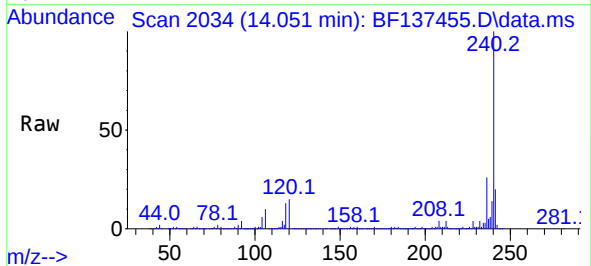




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2023
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

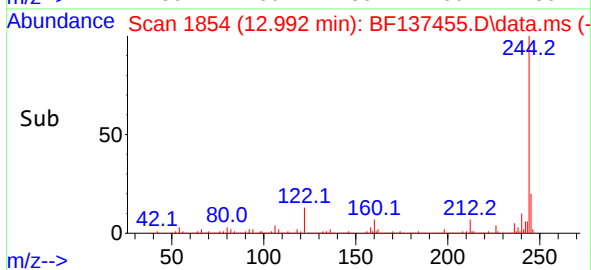
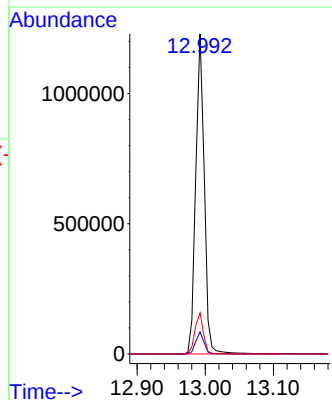
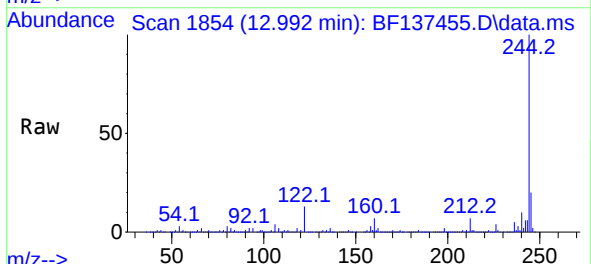
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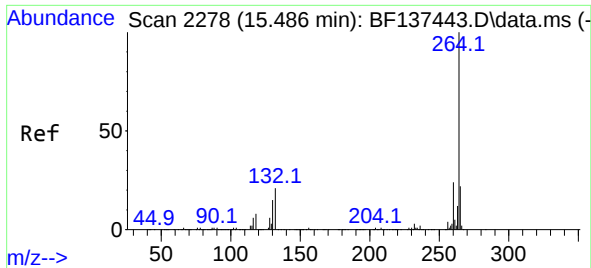
Tgt Ion:240 Resp: 375477
Ion Ratio Lower Upper
240 100
120 14.7 10.4 15.6
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 38.968 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

Tgt Ion:244 Resp: 1064044
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 12.8 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137455.D
Acq: 01 Mar 2024 13:18

Instrument :
BNA_F
ClientSampleId :
294

Tgt Ion:264 Resp: 348119
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 22.3 17.4 26.0

