

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137464.D
Acq On : 01 Mar 2024 17:43
Operator : CG\JU
Sample : P1602-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Mar 01 18:12:26 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	6.875	152	169079	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	659360	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	332080	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	499322	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	369210	20.000	ng	-0.01
86) Perylene-d12	15.586	264	286328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1463606	131.104	ng	0.00
7) Phenol-d6	6.516	99	1827669	113.418	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1298238	91.485	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	376063	128.955	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	2018567	95.151	ng	-0.01
79) Terphenyl-d14	12.998	244	1939041	72.219	ng	-0.01

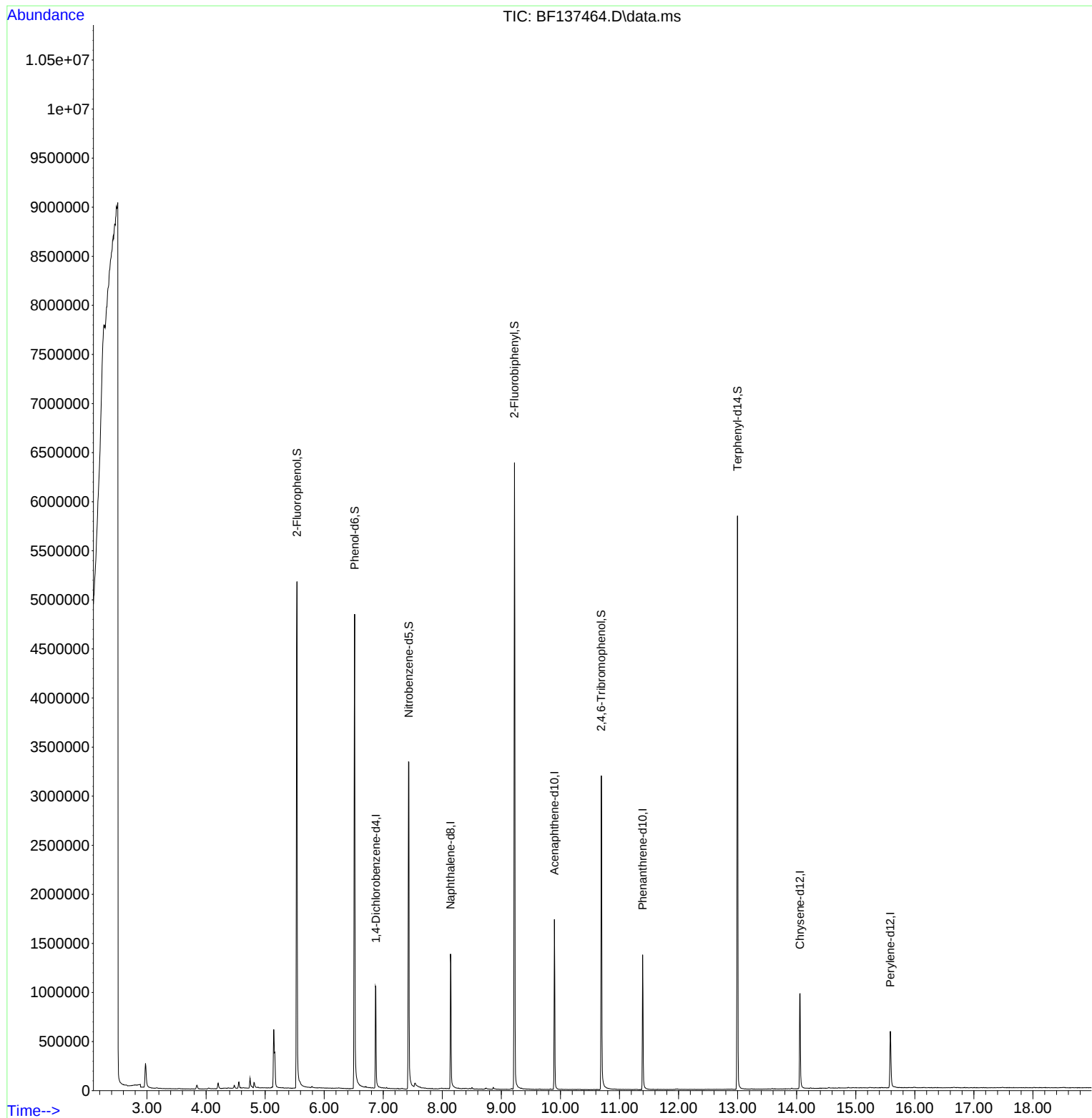
Target Compounds	Qvalue

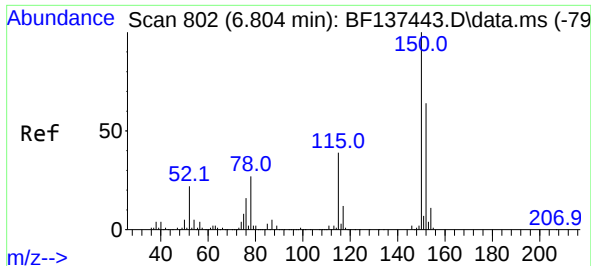
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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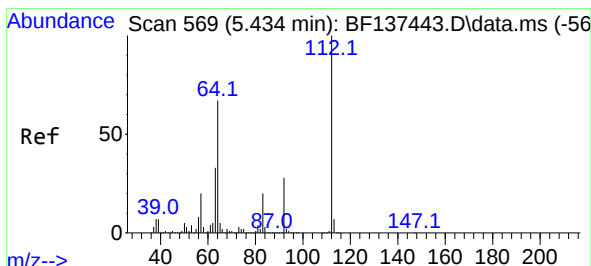
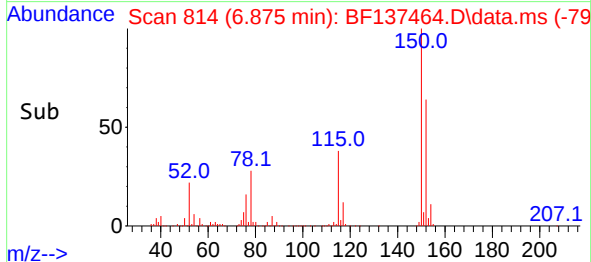
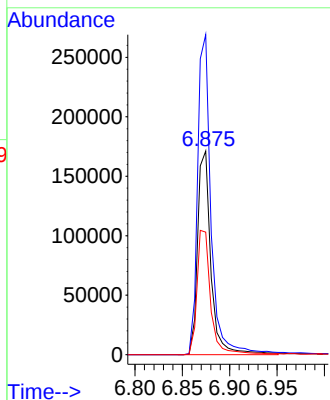
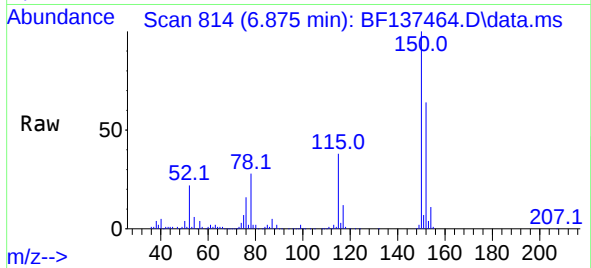




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

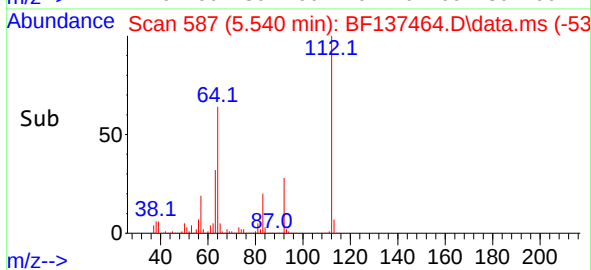
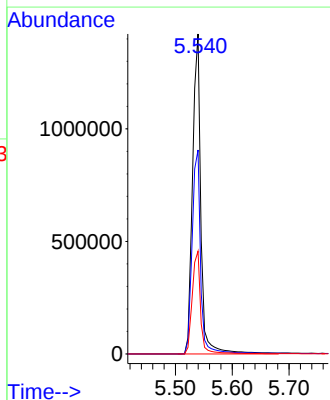
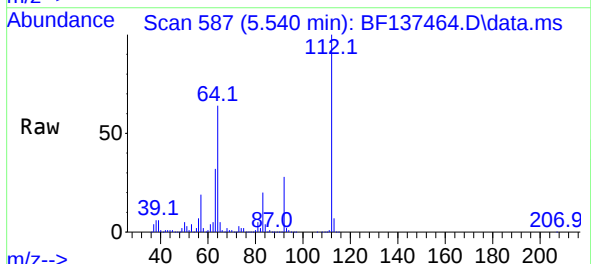
Instrument :
BNA_F
ClientSampleId :
WC-3

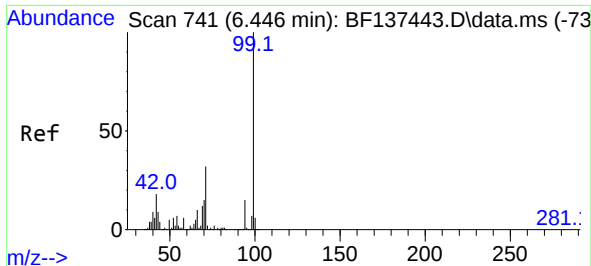
Tgt Ion:152 Resp: 169079
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 60.2 48.8 73.2



#5
2-Fluorophenol
Concen: 131.104 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:112 Resp: 1463606
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 32.1 26.2 39.2

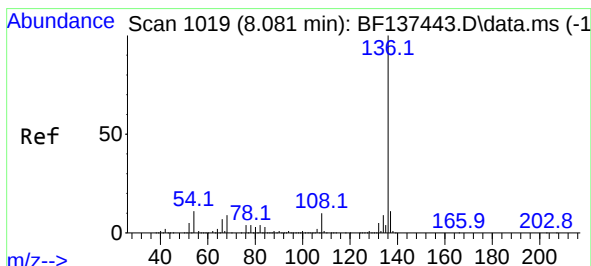
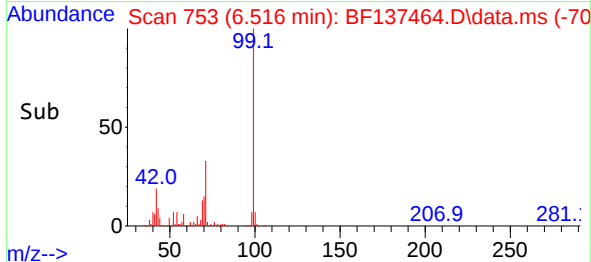
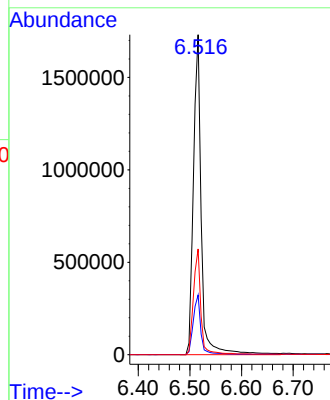
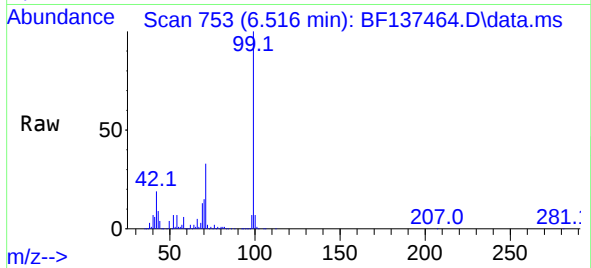




#7
Phenol-d6
Concen: 113.418 ng
RT: 6.516 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

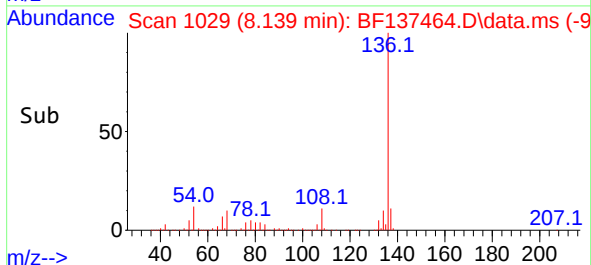
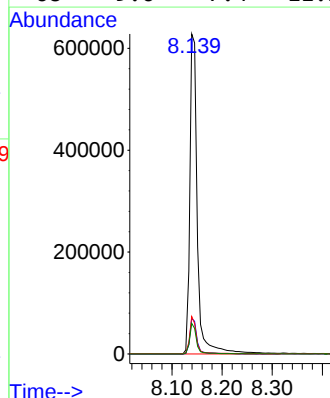
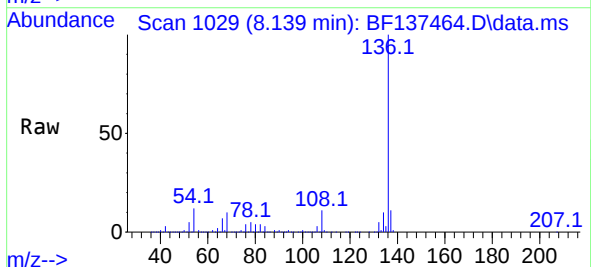
Instrument :
BNA_F
ClientSampleId :
WC-3

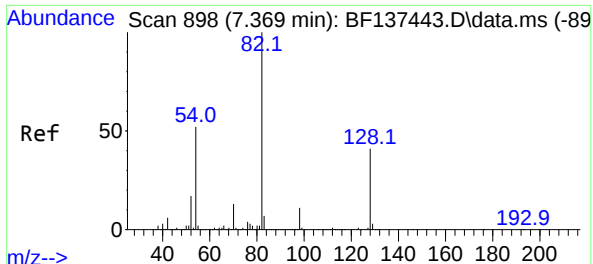
Tgt Ion: 99 Resp: 1827669
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 33.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:136 Resp: 659360
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.7 8.5 12.7
68 9.6 7.4 11.2

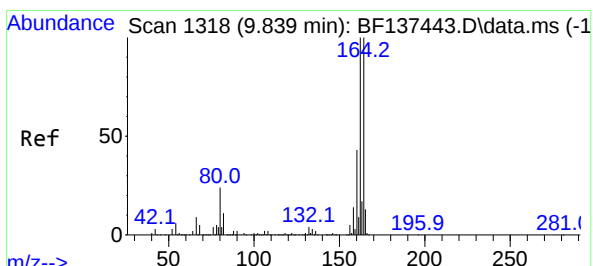
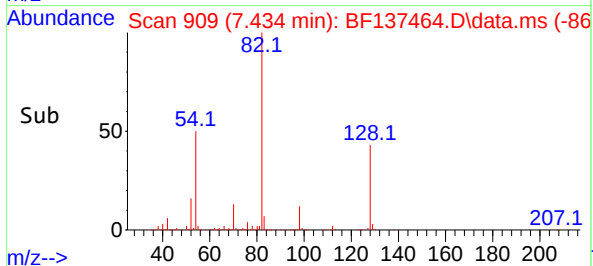
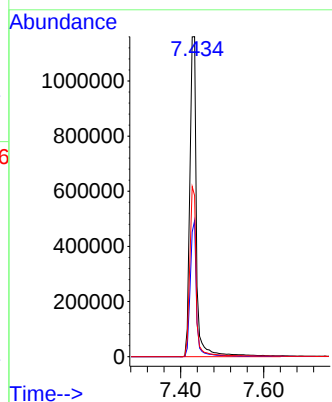
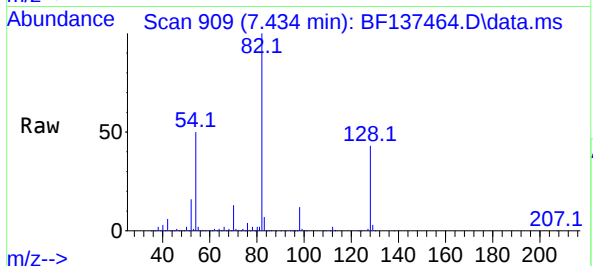




#23
Nitrobenzene-d5
Concen: 91.485 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

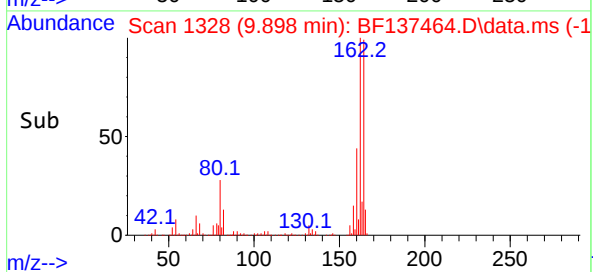
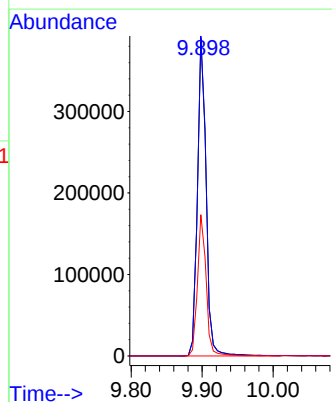
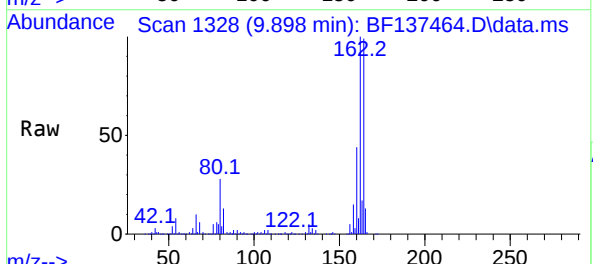
Instrument :
BNA_F
ClientSampleId :
WC-3

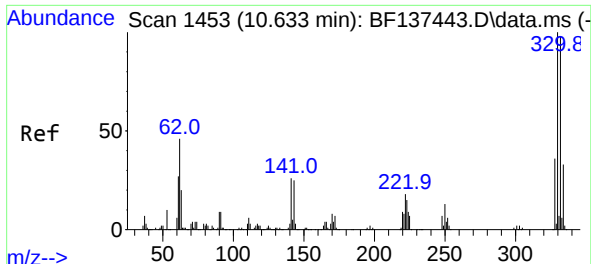
Tgt Ion: 82 Resp: 1298238
Ion Ratio Lower Upper
82 100
128 42.5 32.5 48.7
54 50.3 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion: 164 Resp: 332080
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.955 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.018 min

Lab File: BF137464.D

Acq: 01 Mar 2024 17:43

Instrument :

BNA_F

ClientSampleId :

WC-3

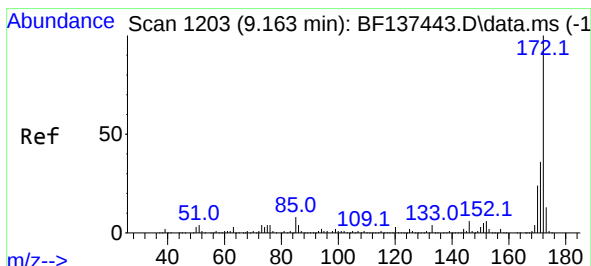
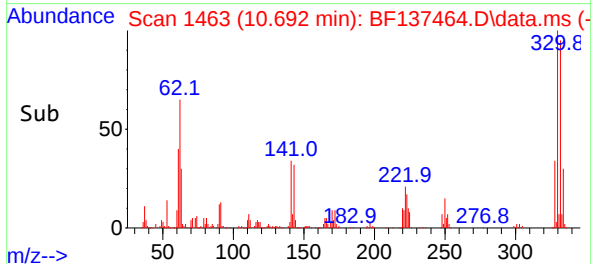
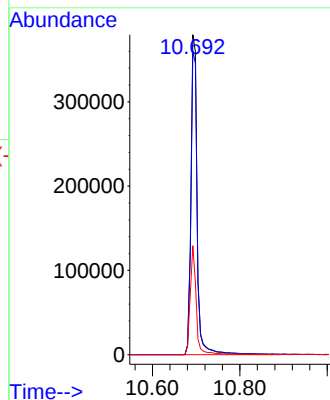
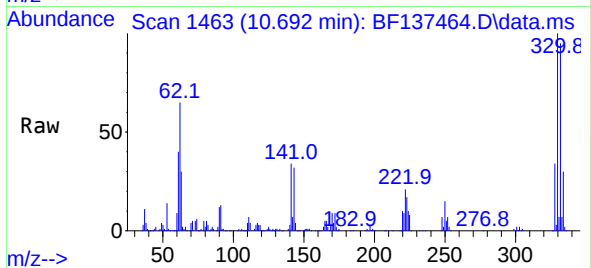
Tgt Ion:330 Resp: 376063

Ion Ratio Lower Upper

330 100

332 94.2 78.0 117.0

141 32.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 95.151 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF137464.D

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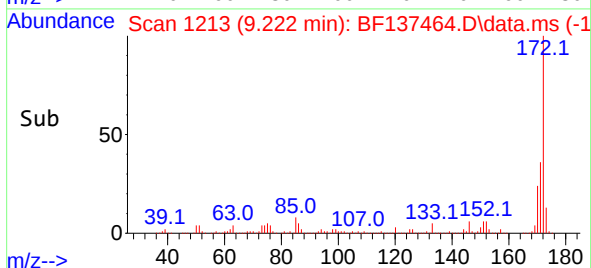
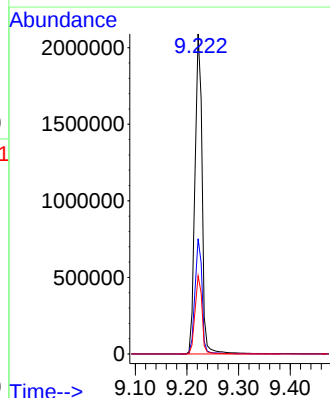
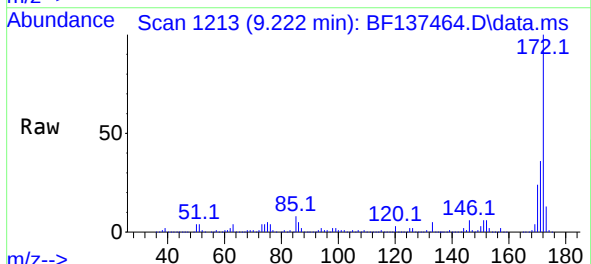
Tgt Ion:172 Resp: 2018567

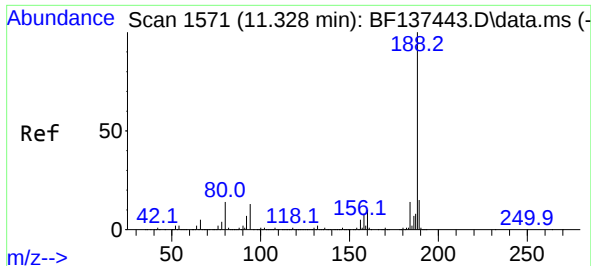
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.4 19.0 28.6

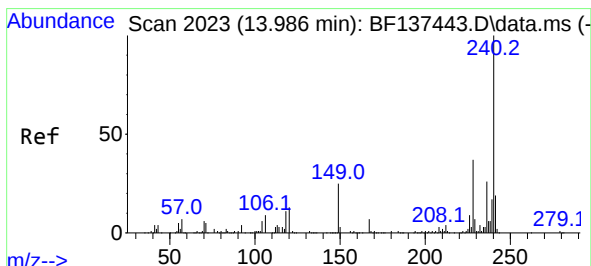
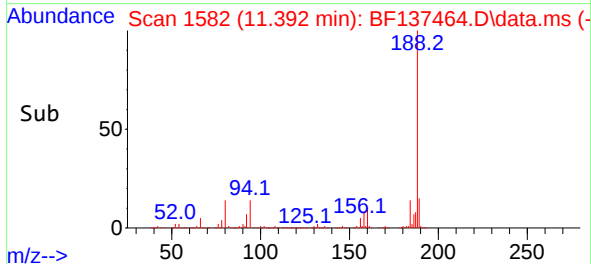
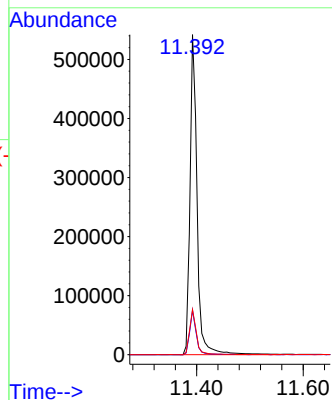
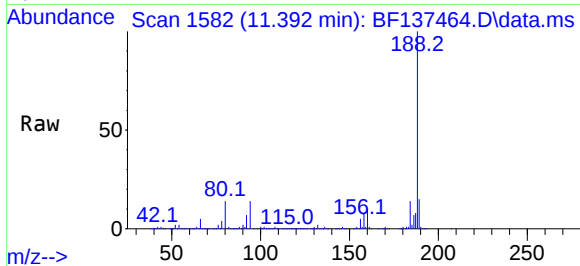




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

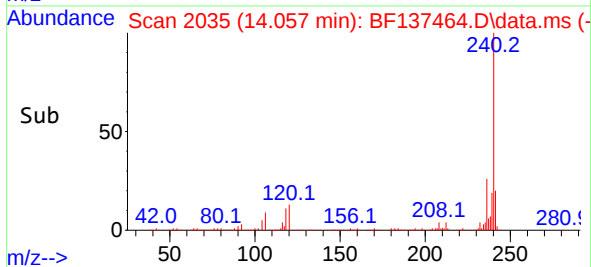
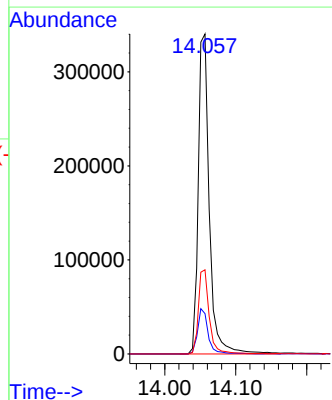
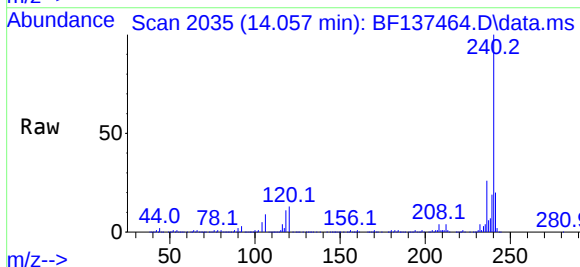
Instrument :
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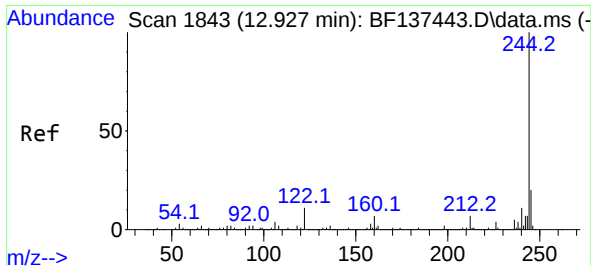
Tgt Ion:188 Resp: 499322
Ion Ratio Lower Upper
188 100
94 13.9 10.6 15.8
80 14.1 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

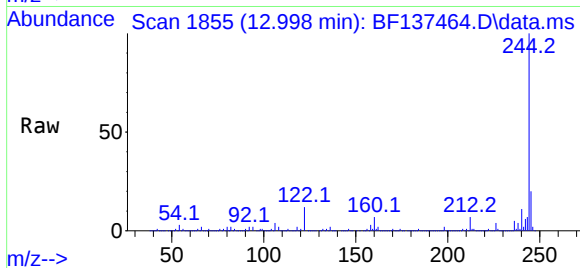
Tgt Ion:240 Resp: 369210
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.3 20.9 31.3



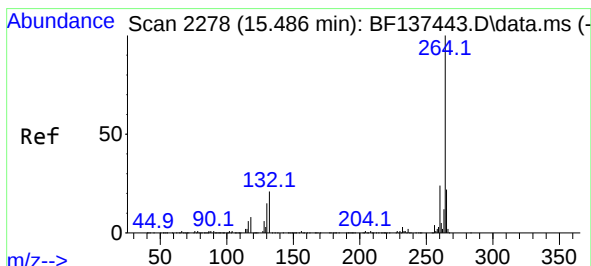
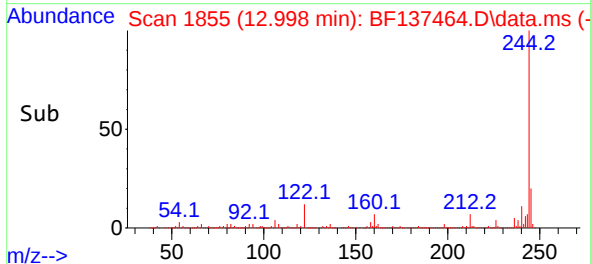
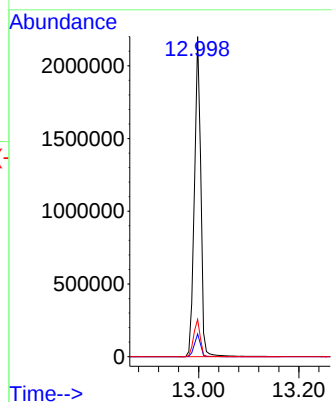


#79
Terphenyl-d14
Concen: 72.219 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:244 Resp: 1939041
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.6 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BF137464.D
Acq: 01 Mar 2024 17:43

Tgt Ion:264 Resp: 286328
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 20.8 17.4 26.0

