

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137463.D
Acq On : 01 Mar 2024 17:13
Operator : CG\JU
Sample : P1602-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2

Quant Time: Mar 01 17:37:48 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	189805	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	726291	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	373192	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	546937	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	394999	20.000	ng	-0.01
86) Perylene-d12	15.586	264	312252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1597020	127.433	ng	0.00
7) Phenol-d6	6.516	99	1951587	107.883	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1404268	89.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	407575	124.364	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	2154879	90.387	ng	-0.01
79) Terphenyl-d14	12.998	244	2041322	71.064	ng	-0.01

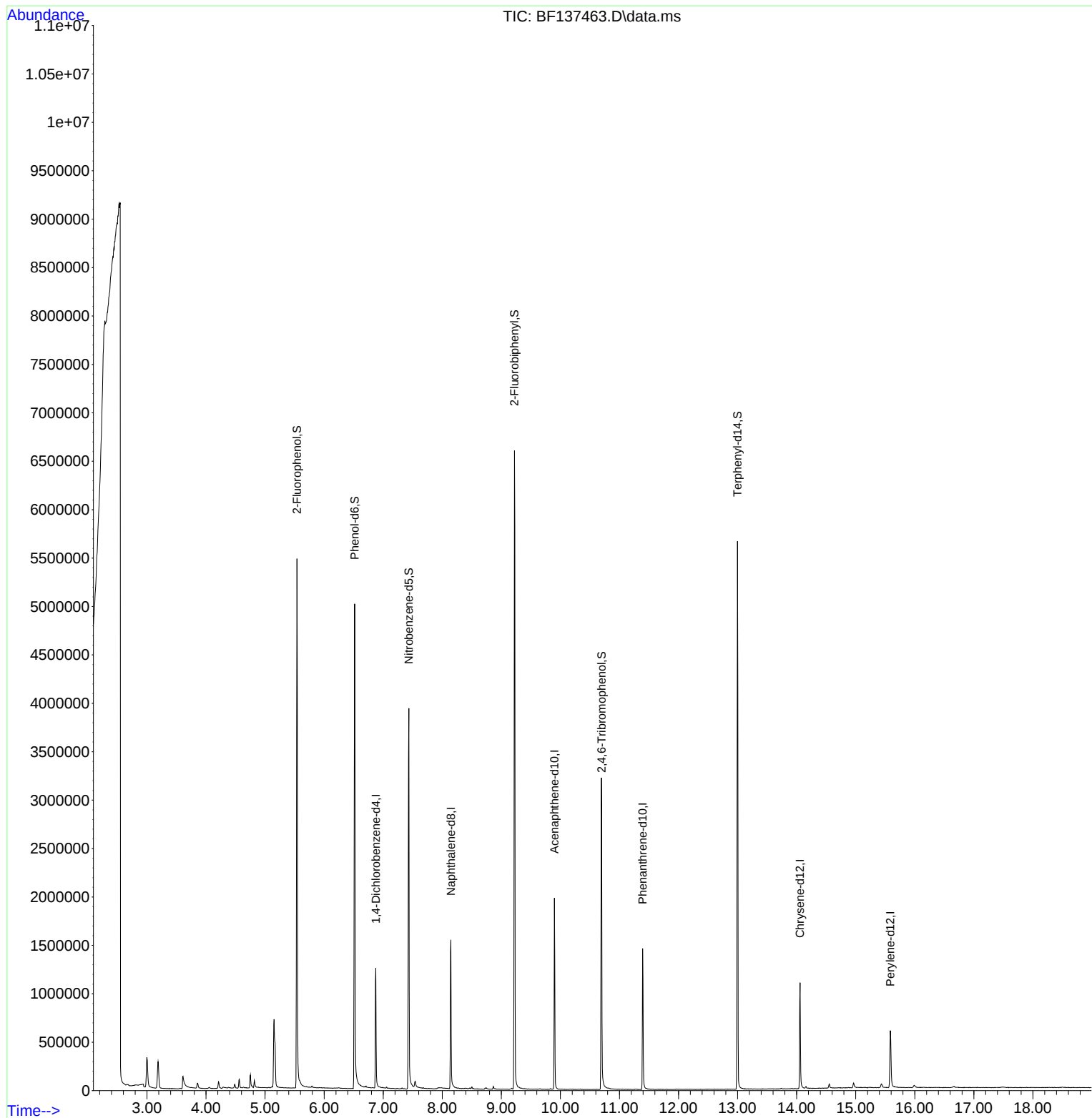
Target Compounds	Qvalue

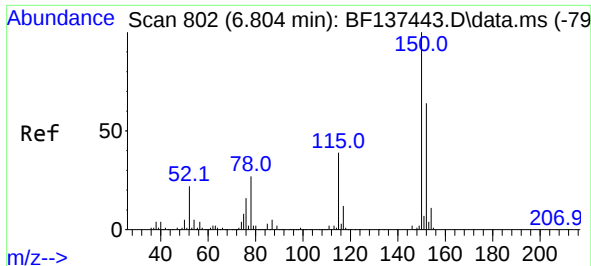
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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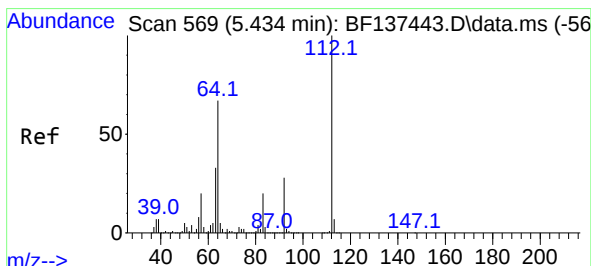
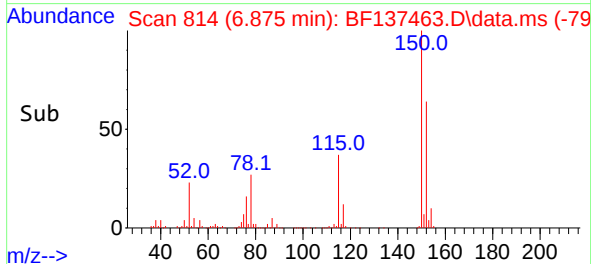
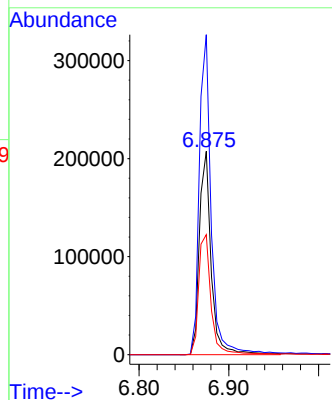
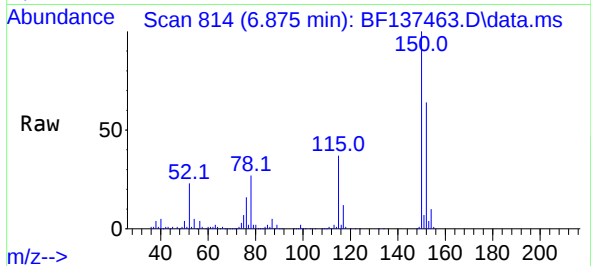




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

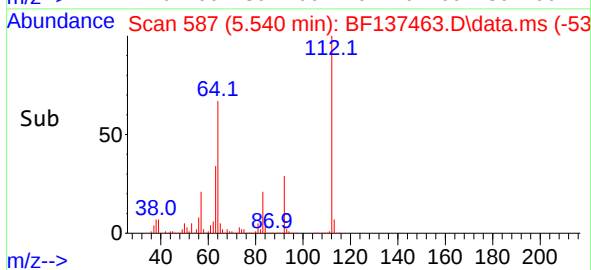
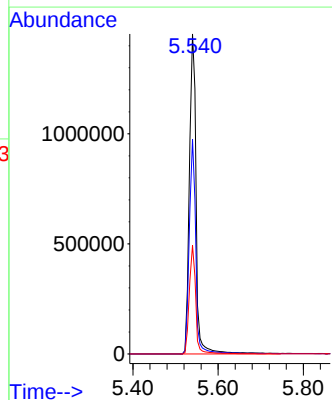
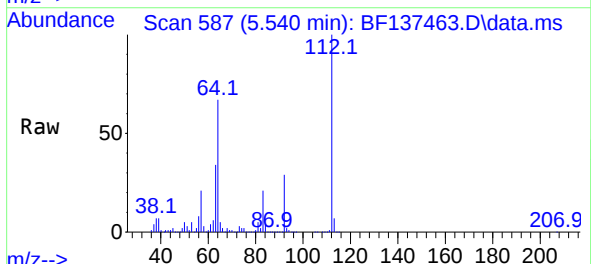
Instrument :
BNA_F
ClientSampleId :
WC-2

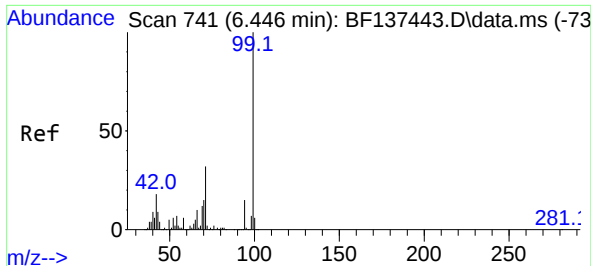
Tgt Ion:152 Resp: 189805
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 59.0 48.8 73.2



#5
2-Fluorophenol
Concen: 127.433 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

Tgt Ion:112 Resp: 1597020
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 33.9 26.2 39.2

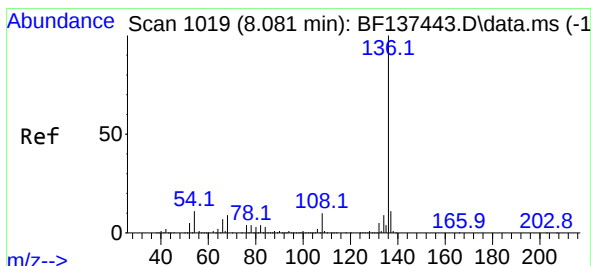
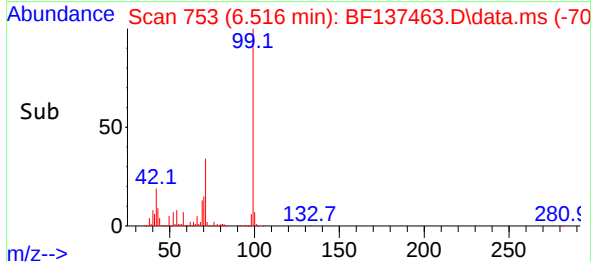
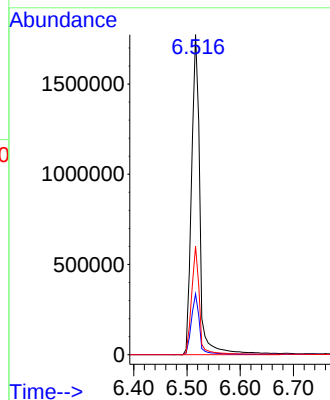
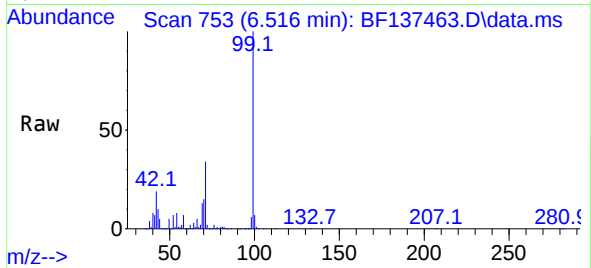




#7
Phenol-d6
Concen: 107.883 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

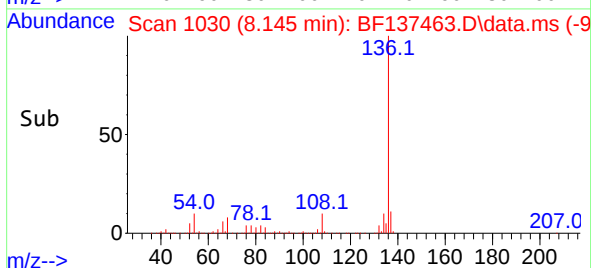
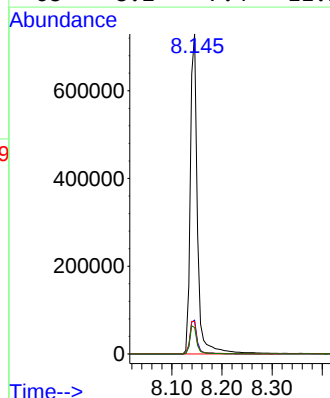
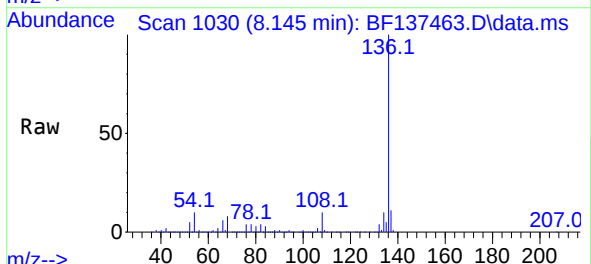
Instrument :
BNA_F
ClientSampleId :
WC-2

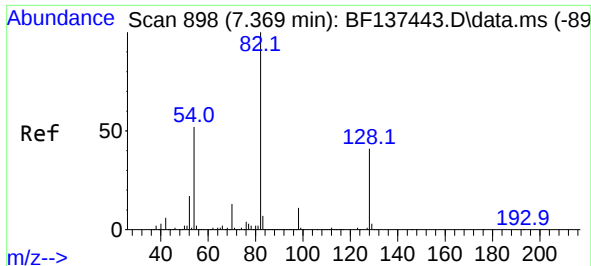
Tgt Ion: 99 Resp: 1951587
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 33.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

Tgt Ion: 136 Resp: 726291
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 10.1 8.5 12.7
68 8.2 7.4 11.2

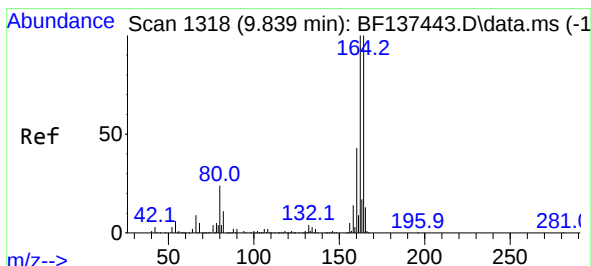
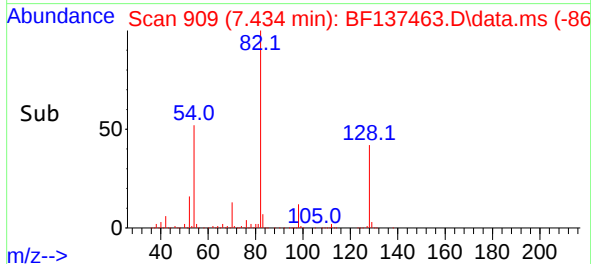
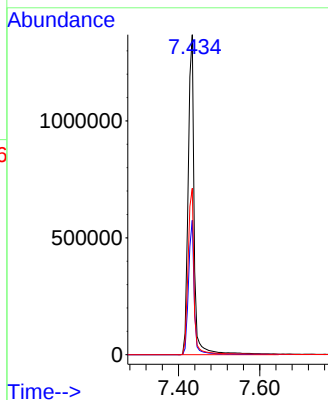
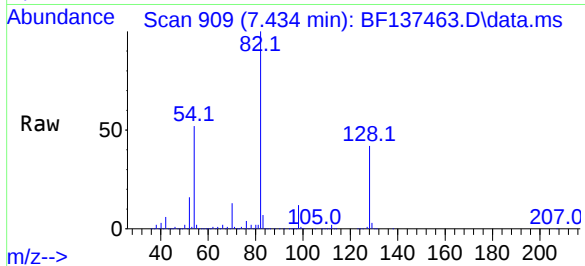




#23
Nitrobenzene-d5
Concen: 89.837 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

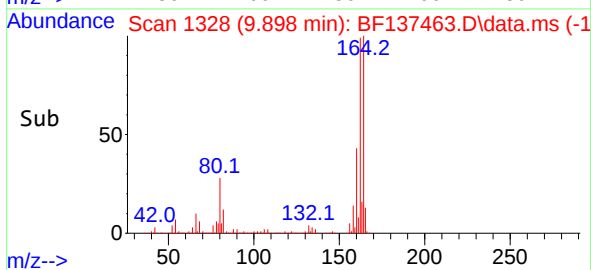
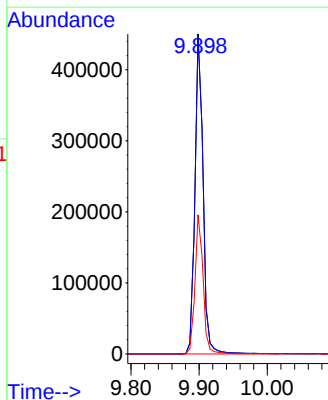
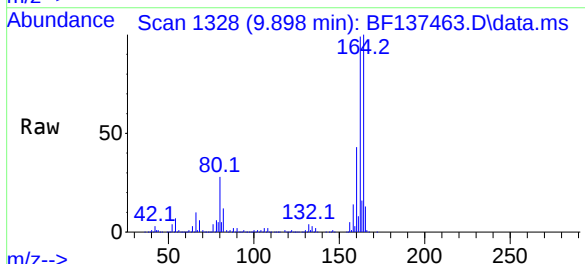
Instrument :
BNA_F
ClientSampleId :
WC-2

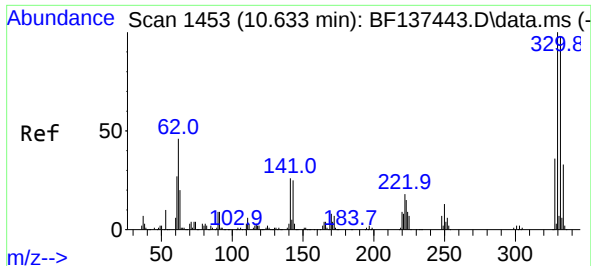
Tgt Ion: 82 Resp: 1404268
Ion Ratio Lower Upper
82 100
128 42.0 32.5 48.7
54 52.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

Tgt Ion:164 Resp: 373192
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 124.364 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF137463.D

Acq: 01 Mar 2024 17:13

Instrument :

BNA_F

ClientSampleId :

WC-2

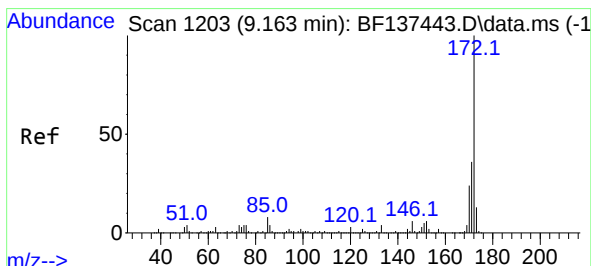
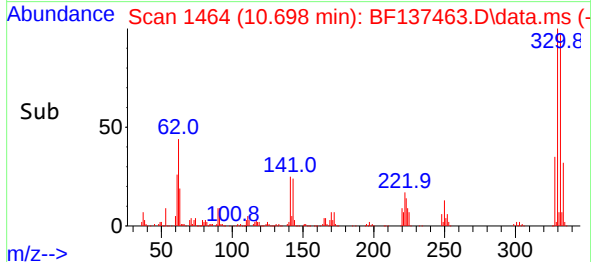
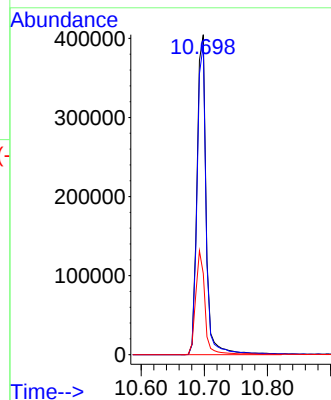
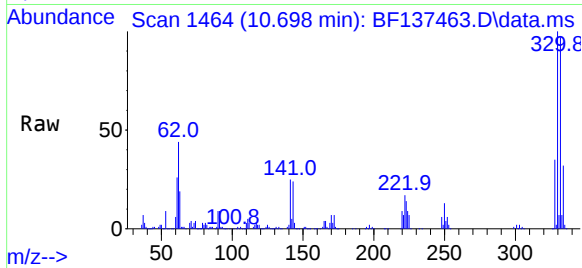
Tgt Ion:330 Resp: 407575

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 32.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 90.387 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF137463.D

Acq: 01 Mar 2024 17:13

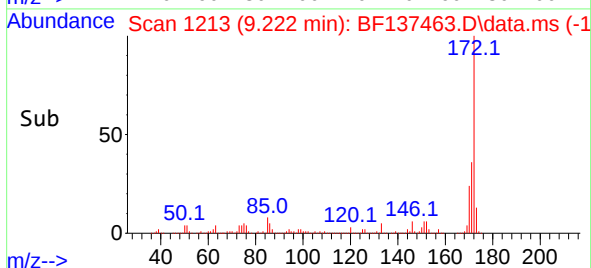
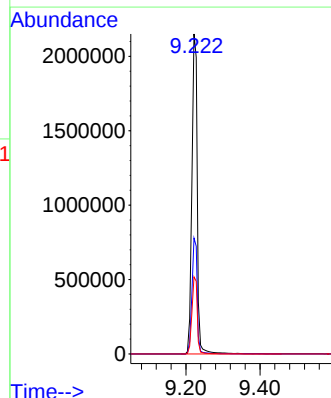
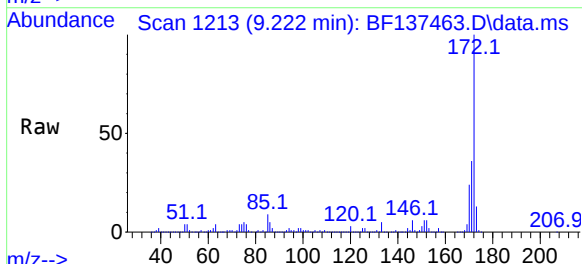
Tgt Ion:172 Resp: 2154879

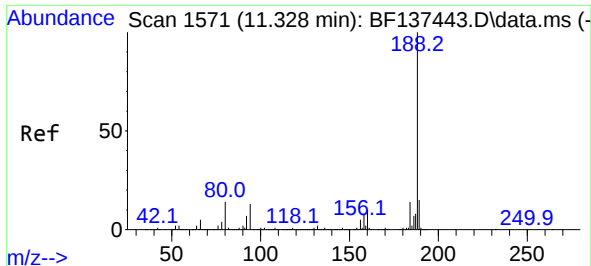
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.1 19.0 28.6

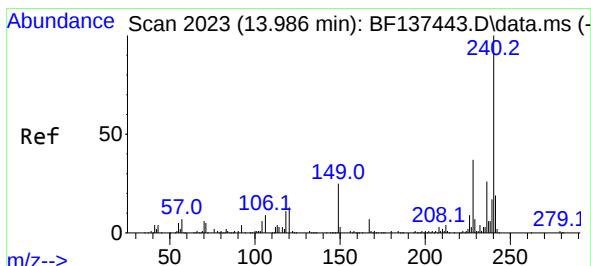
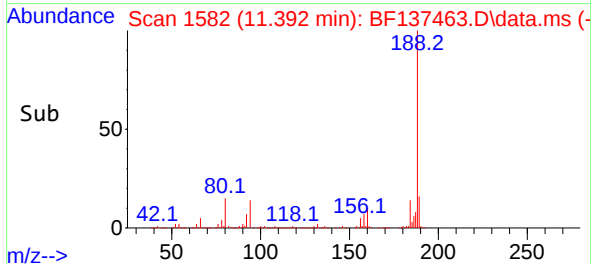
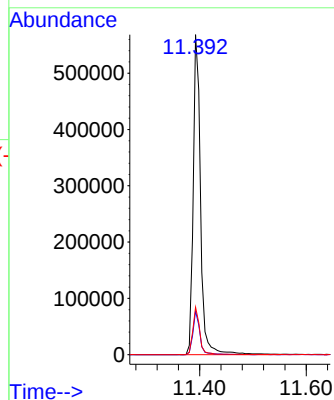
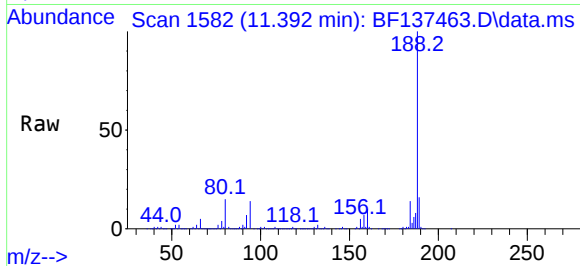




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

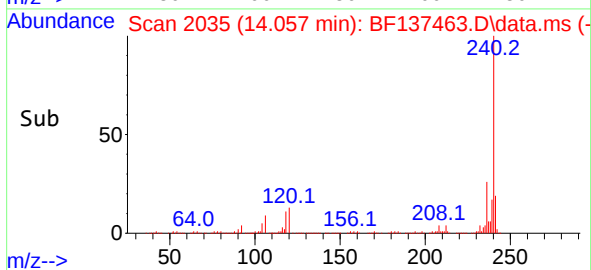
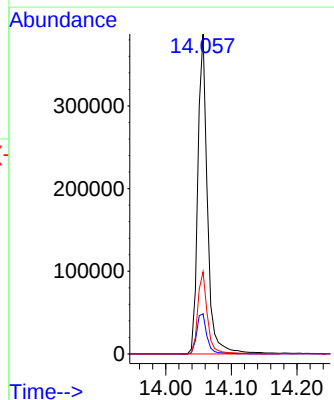
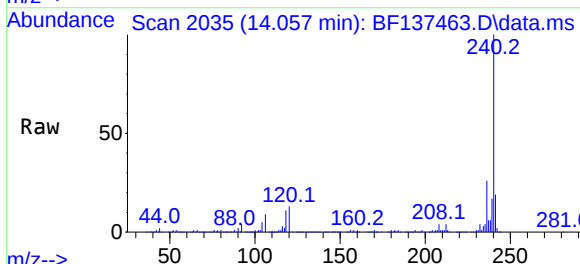
Instrument :
BNA_F
ClientSampleId :
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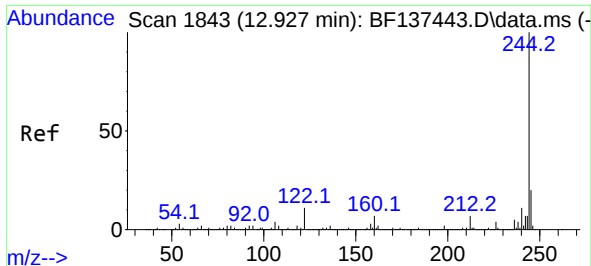
Tgt Ion:188 Resp: 546937
Ion Ratio Lower Upper
188 100
94 13.7 10.6 15.8
80 14.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

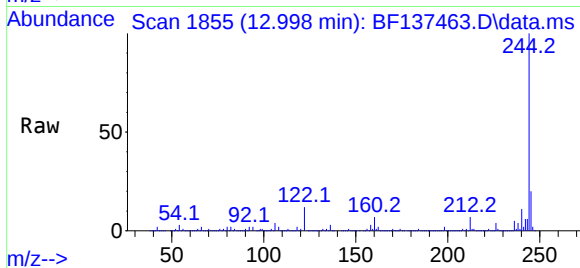
Tgt Ion:240 Resp: 394999
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 25.7 20.9 31.3



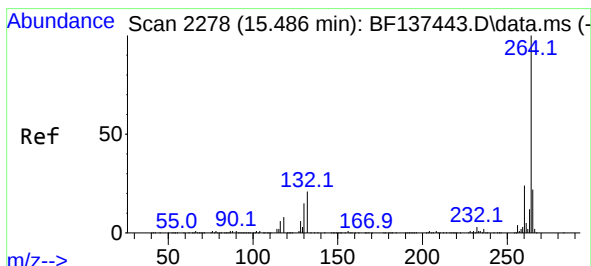
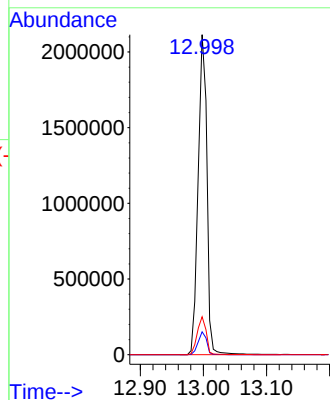
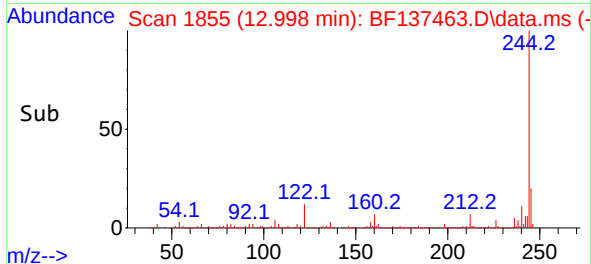


#79
Terphenyl-d14
Concen: 71.064 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BF137463.D
Acq: 01 Mar 2024 17:13

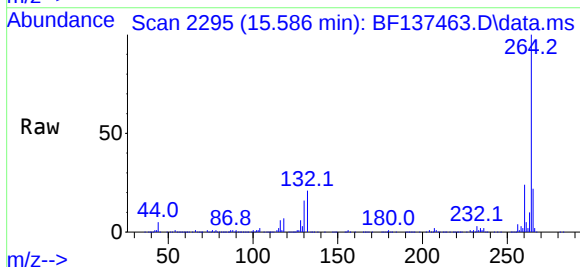
Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:244 Resp: 2041322
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.9 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: BF137463.D
Acq: 01 Mar 2024 17:13



Tgt Ion:264 Resp: 312252
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.2 17.4 26.0

