

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141036.D
 Acq On : 30 Dec 2024 17:39
 Operator : RC/JU
 Sample : P5386-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00398

Quant Time: Dec 31 00:14:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	256286	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1238070	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	564716	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	957586	20.000	ng	0.00
76) Chrysene-d12	13.980	240	646175	20.000	ng	0.00
86) Perylene-d12	15.433	264	526285	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2117214	124.527	ng	0.02
7) Phenol-d6	6.451	99	2494691	113.901	ng	0.00
23) Nitrobenzene-d5	7.387	82	1837480	94.953	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	878700	160.131	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3184967	89.858	ng	0.00
79) Terphenyl-d14	12.933	244	3735554	96.023	ng	0.00

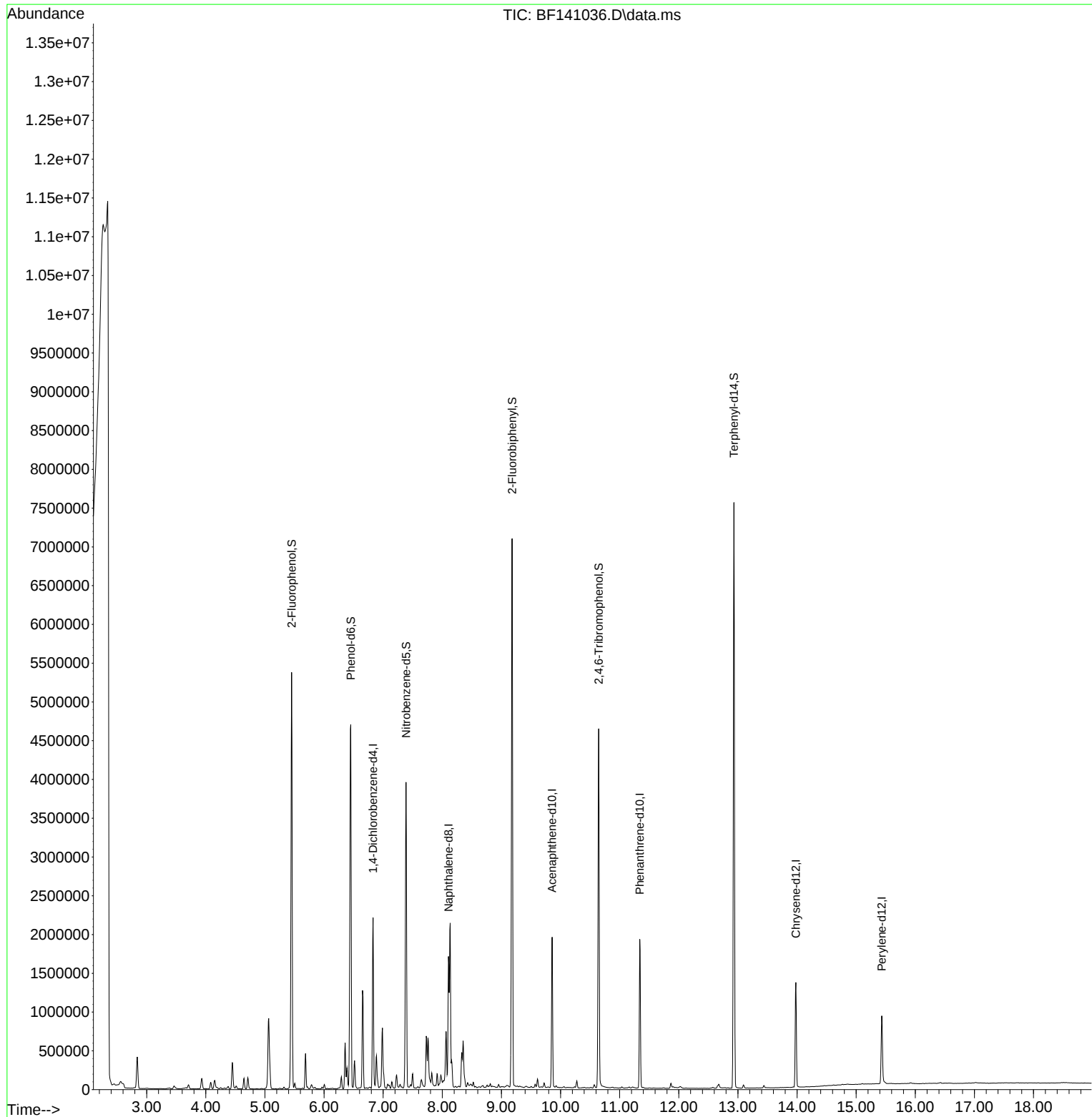
Target Compounds	Qvalue

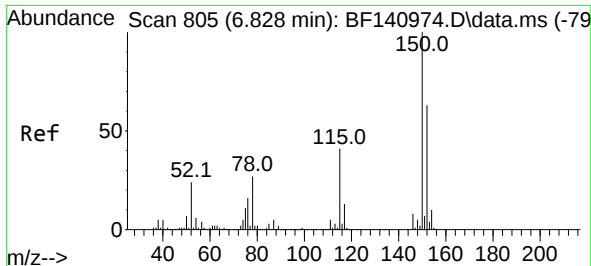
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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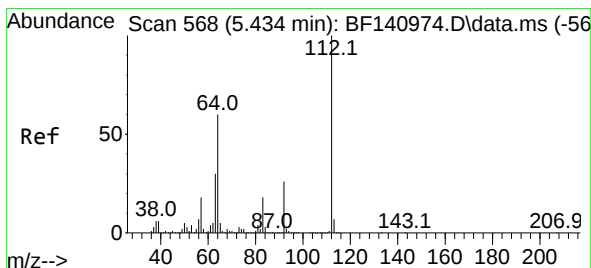
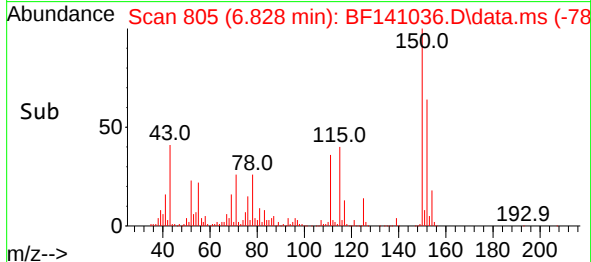
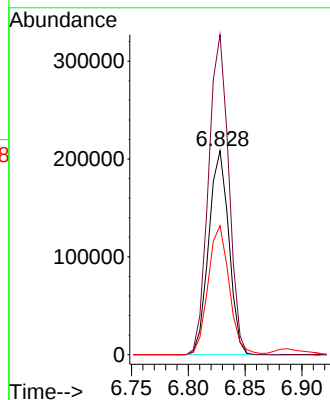
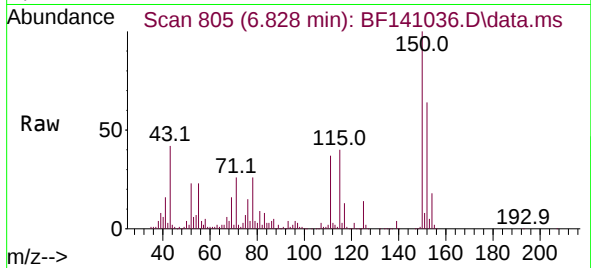




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141036.D
Acq: 30 Dec 2024 17:39

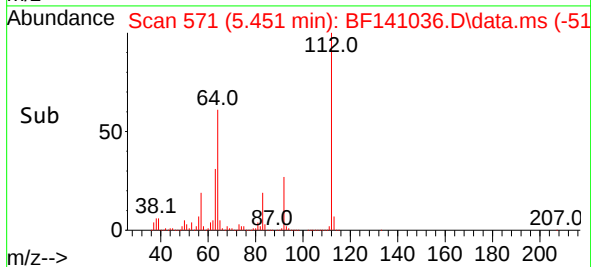
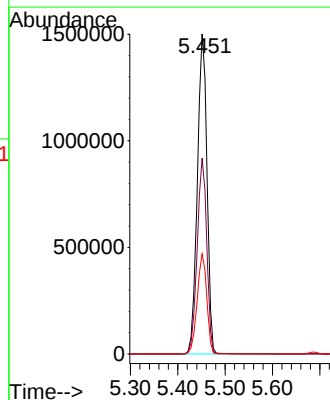
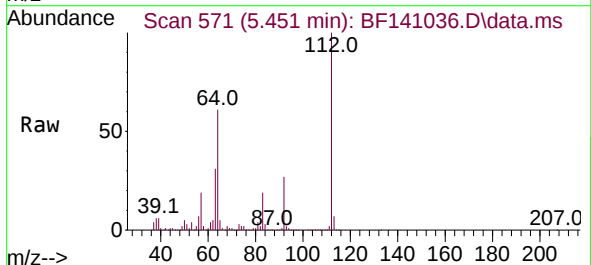
Instrument :
BNA_F
ClientSampleId :
MOO-24-00398

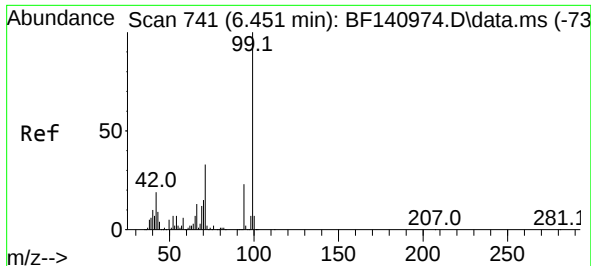
Tgt Ion:152 Resp: 256286
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.6
115 63.2 51.7 77.5



#5
2-Fluorophenol
Concen: 124.527 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141036.D
Acq: 30 Dec 2024 17:39

Tgt Ion:112 Resp: 2117214
Ion Ratio Lower Upper
112 100
64 61.1 47.7 71.5
63 31.2 24.2 36.2



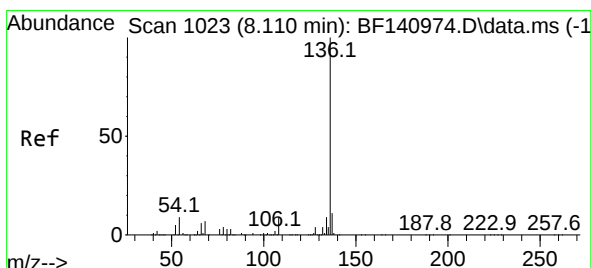
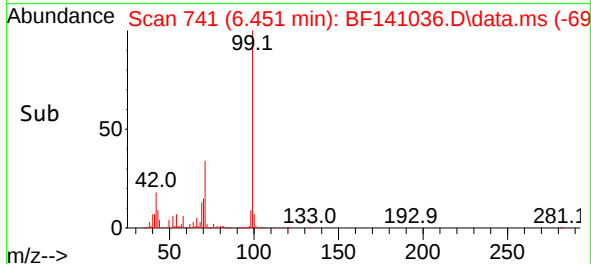
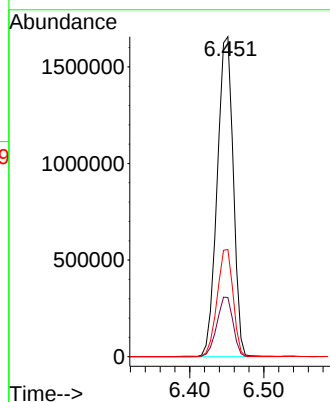
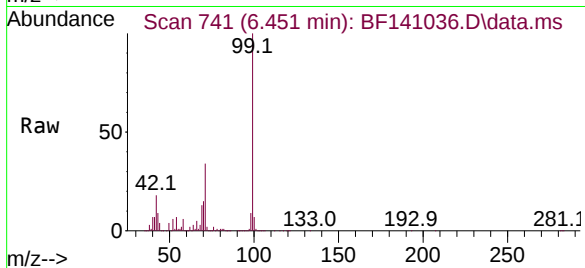


#7
Phenol-d6
Concen: 113.901 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141036.D
Acq: 30 Dec 2024 17:39

Instrument :
BNA_F
ClientSampleId :
MOO-24-00398

Tgt Ion: 99 Resp: 2494691

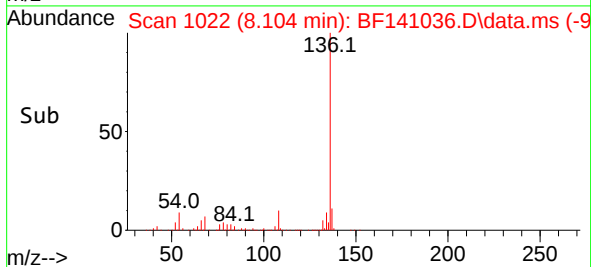
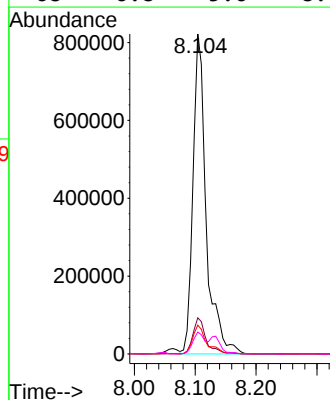
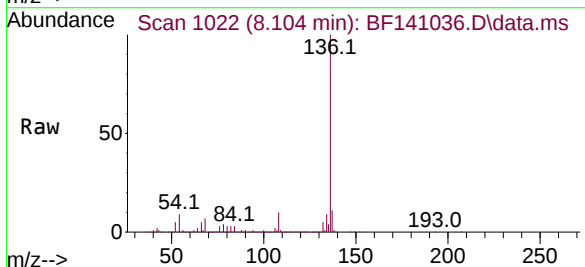
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	33.5	26.2	39.2

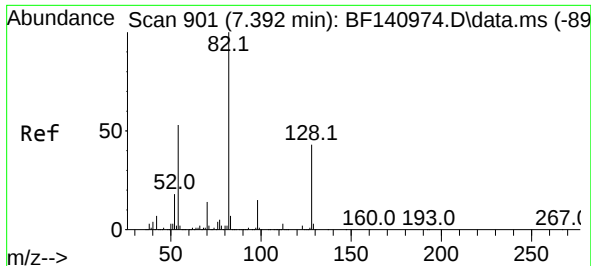


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141036.D
Acq: 30 Dec 2024 17:39

Tgt Ion:136 Resp: 1238070

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.0	7.6	11.4
68	6.8	5.6	8.4





#23

Nitrobenzene-d5

Concen: 94.953 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141036.D

Acq: 30 Dec 2024 17:39

Instrument :

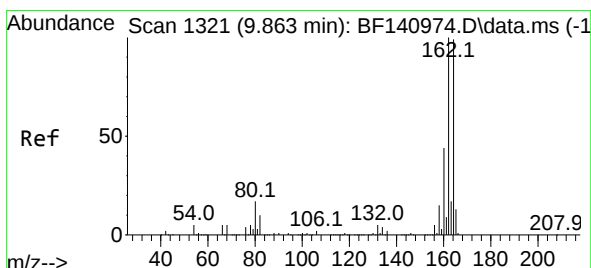
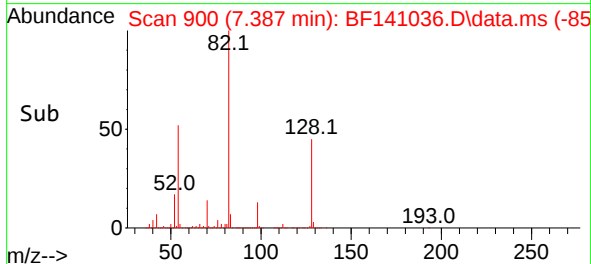
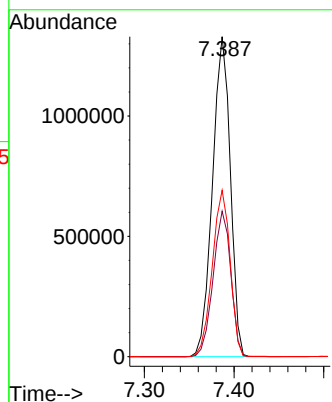
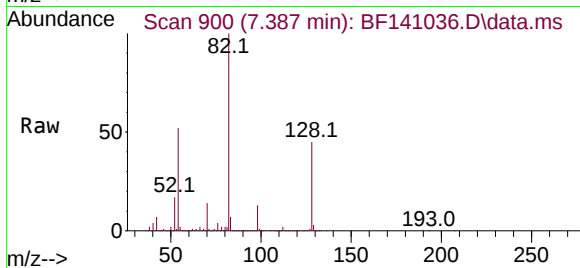
BNA_F

ClientSampleId :

MOO-24-00398

Tgt Ion: 82 Resp: 1837480

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	52.0	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

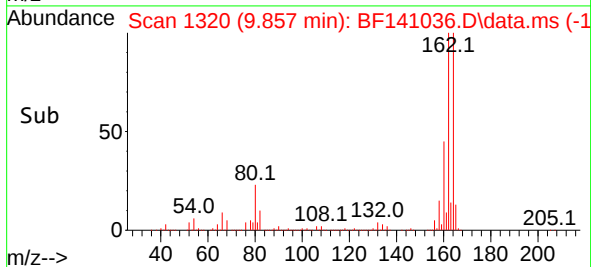
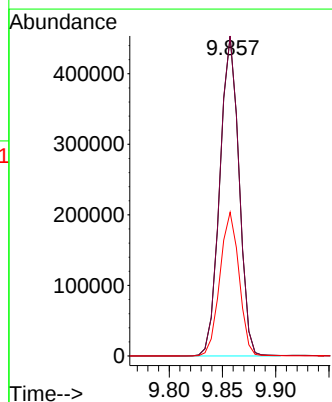
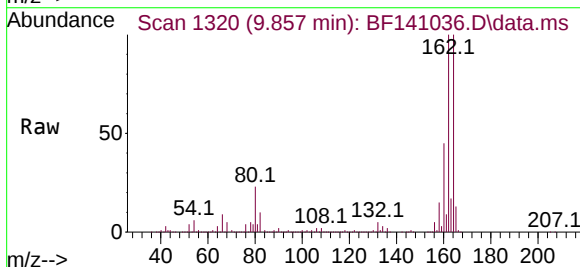
Delta R.T. -0.006 min

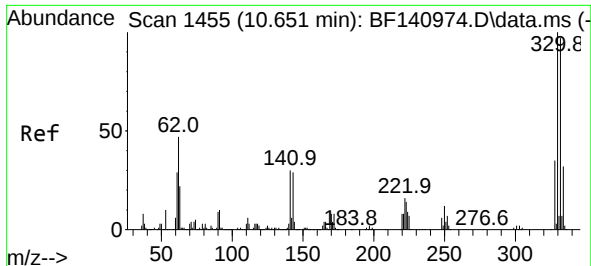
Lab File: BF141036.D

Acq: 30 Dec 2024 17:39

Tgt Ion: 164 Resp: 564716

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.9	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 160.131 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141036.D

Acq: 30 Dec 2024 17:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00398

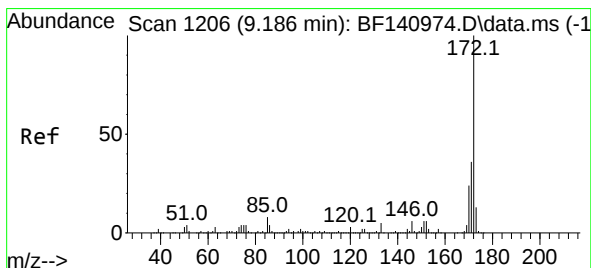
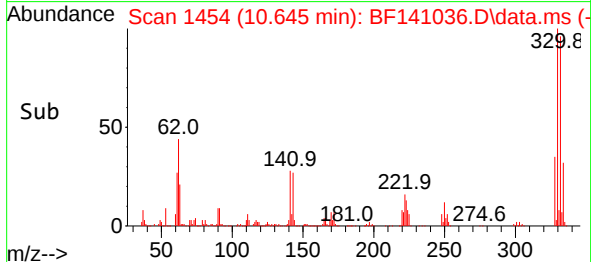
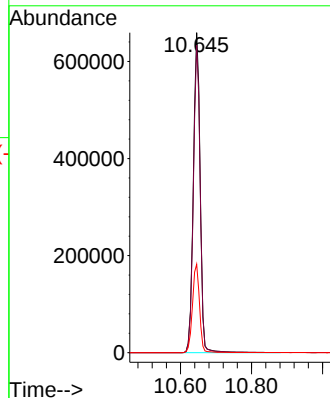
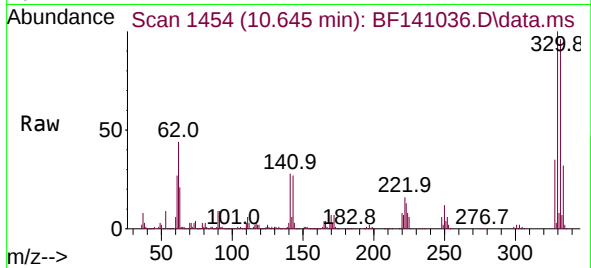
Tgt Ion:330 Resp: 878700

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 28.7 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 89.858 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141036.D

Acq: 30 Dec 2024 17:39

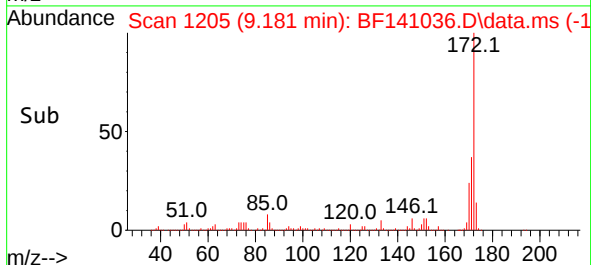
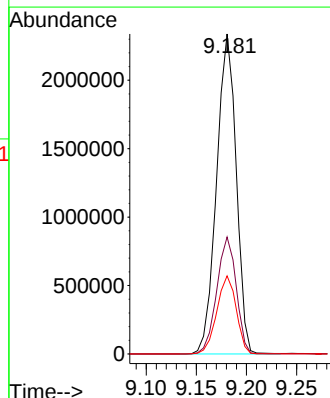
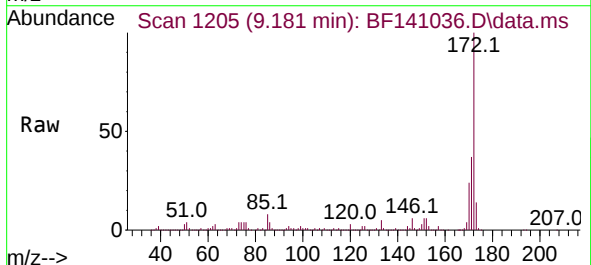
Tgt Ion:172 Resp: 3184967

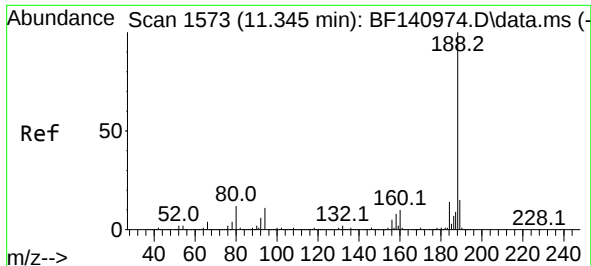
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

170 24.4 19.6 29.4

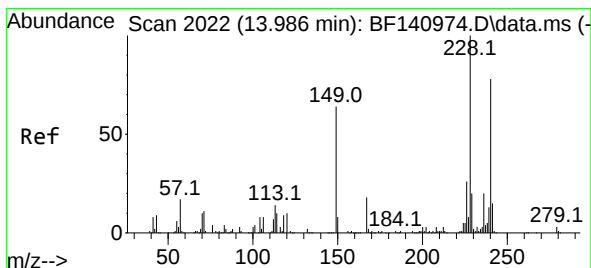
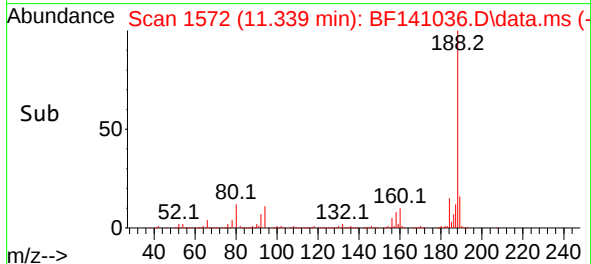
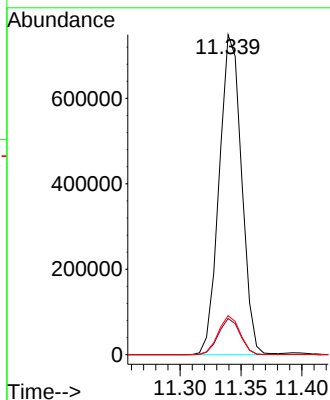
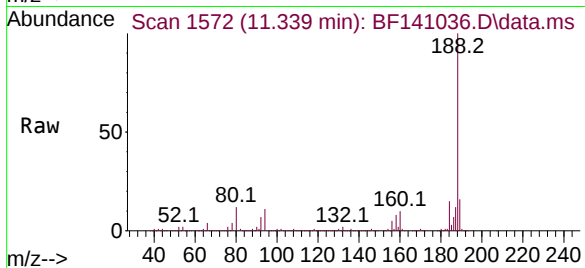




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141036.D
Acq: 30 Dec 2024 17:39

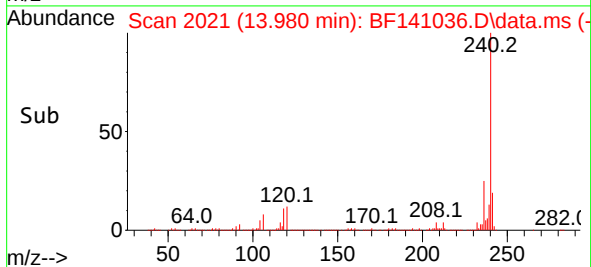
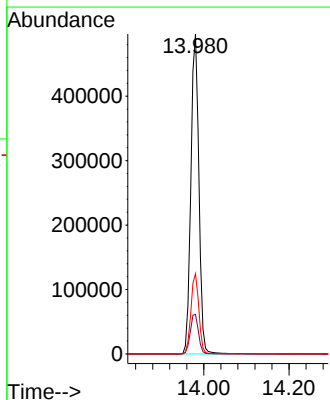
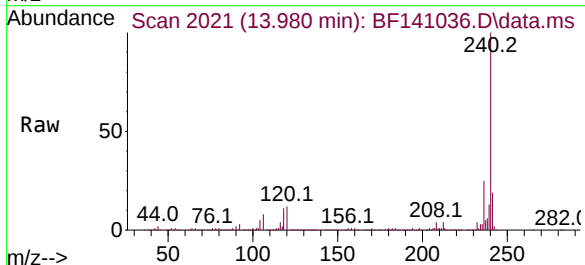
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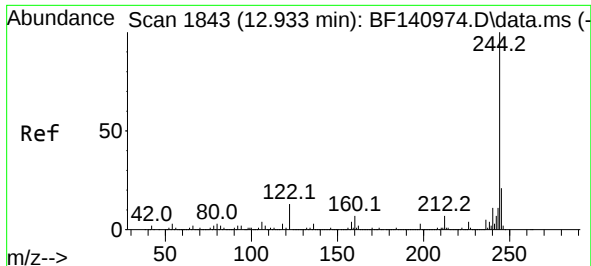
Tgt Ion:188 Resp: 957586
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141036.D
Acq: 30 Dec 2024 17:39

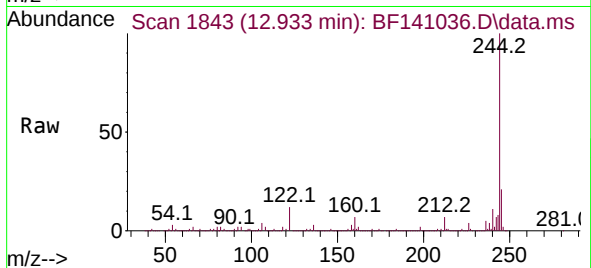
Tgt Ion:240 Resp: 646175
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 25.1 20.6 31.0



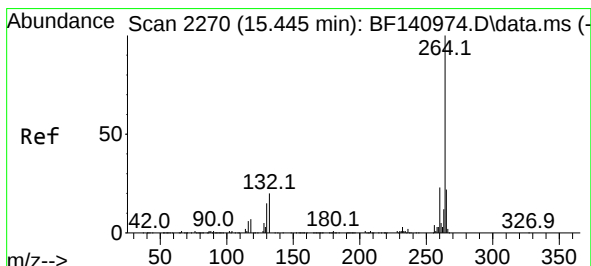
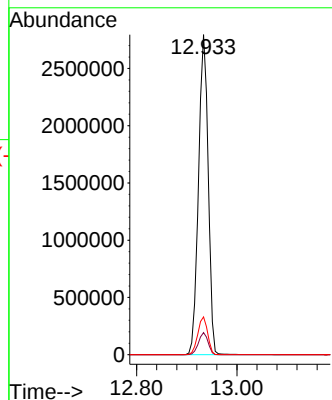
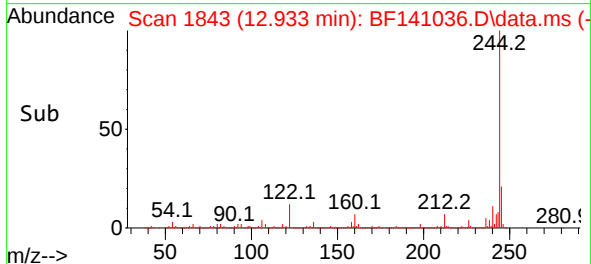


#79
 Terphenyl-d14
 Concen: 96.023 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141036.D
 Acq: 30 Dec 2024 17:39

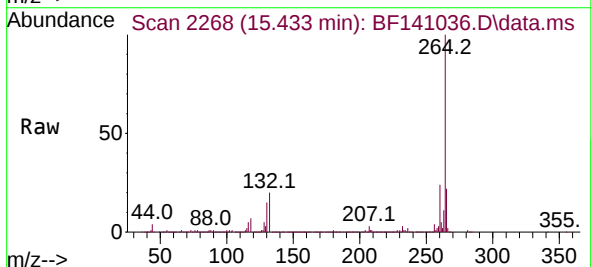
Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00398



Tgt Ion:244 Resp: 3735554
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.8 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.012 min
 Lab File: BF141036.D
 Acq: 30 Dec 2024 17:39



Tgt Ion:264 Resp: 526285
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.9 17.4 26.2

