

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140985.D
 Acq On : 27 Dec 2024 10:04
 Operator : RC/JU
 Sample : PB165733TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165733TB

Quant Time: Dec 27 10:38:02 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	259736	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1051711	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	557788	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	953759	20.000	ng	0.00
76) Chrysene-d12	13.980	240	755663	20.000	ng	0.00
86) Perylene-d12	15.439	264	599329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2508104	145.558	ng	0.01
7) Phenol-d6	6.445	99	3145330	141.699	ng	0.00
23) Nitrobenzene-d5	7.387	82	1990489	121.086	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	873987	161.250	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3456926	98.742	ng	0.00
79) Terphenyl-d14	12.939	244	4043590	88.881	ng	0.00

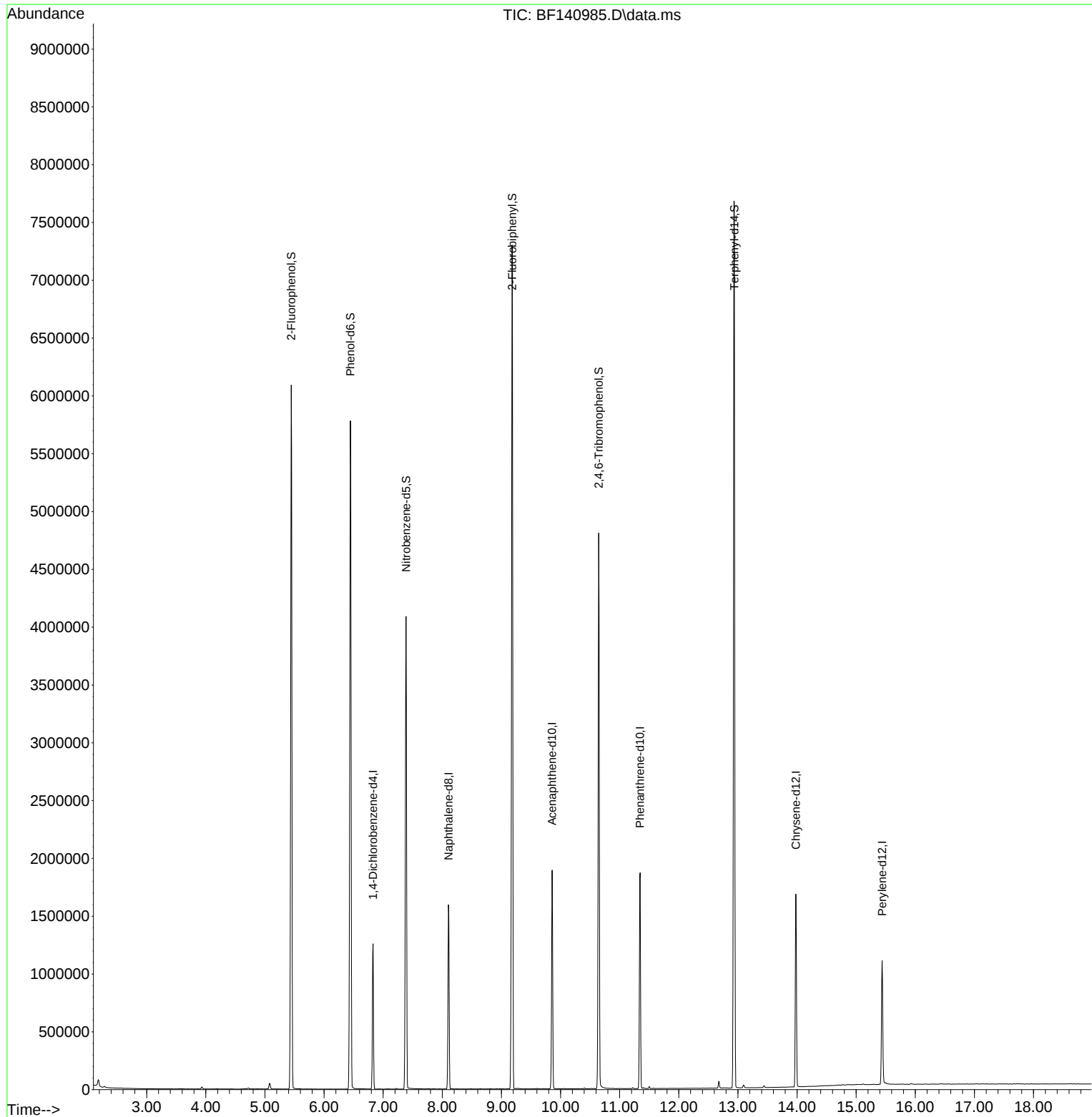
Target Compounds	Qvalue

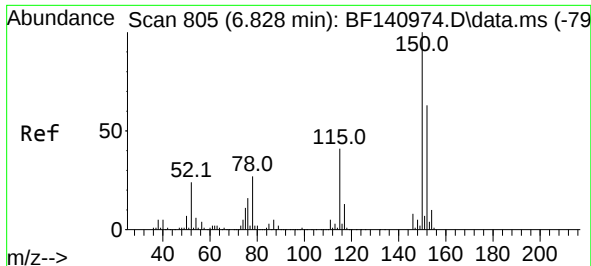
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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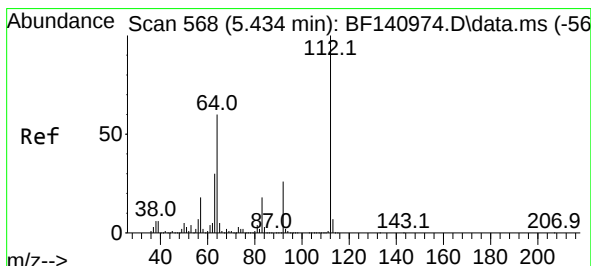
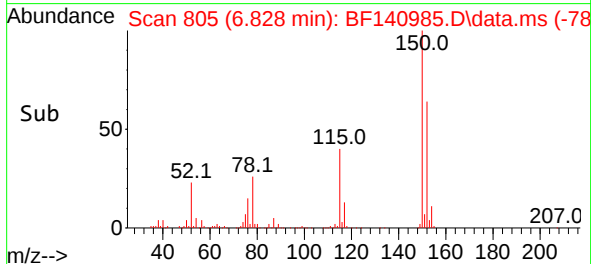
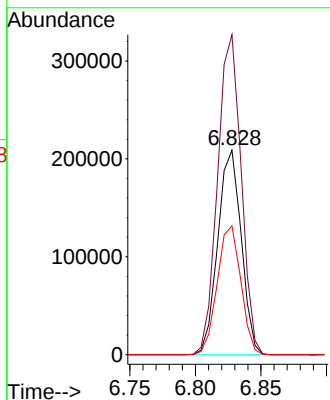
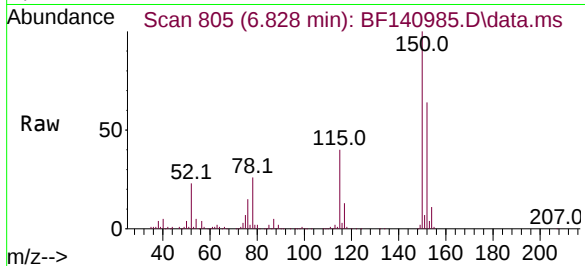




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

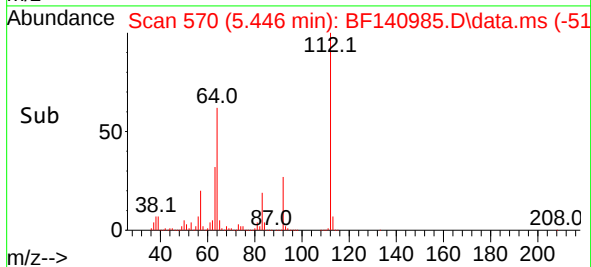
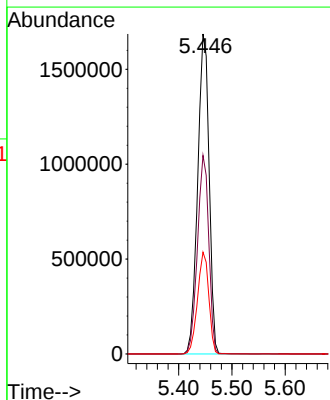
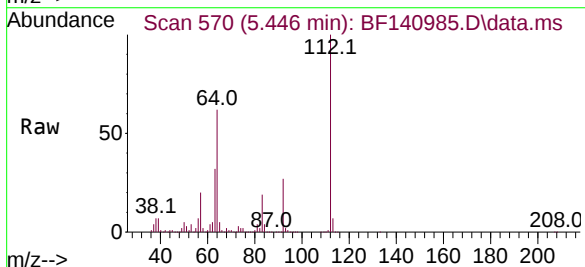
Instrument :
BNA_F
ClientSampleId :
PB165733TB

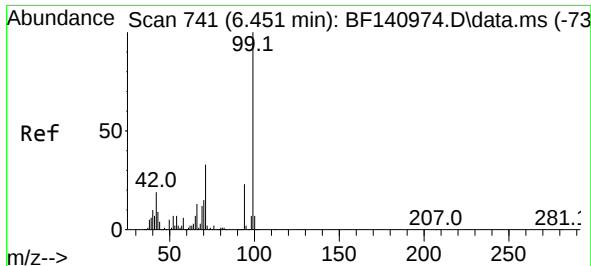
Tgt Ion:152 Resp: 259736
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 62.9 51.7 77.5



#5
2-Fluorophenol
Concen: 145.558 ng
RT: 5.446 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

Tgt Ion:112 Resp: 2508104
Ion Ratio Lower Upper
112 100
64 62.1 47.7 71.5
63 31.8 24.2 36.2

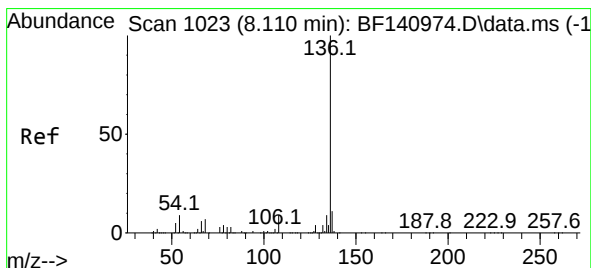
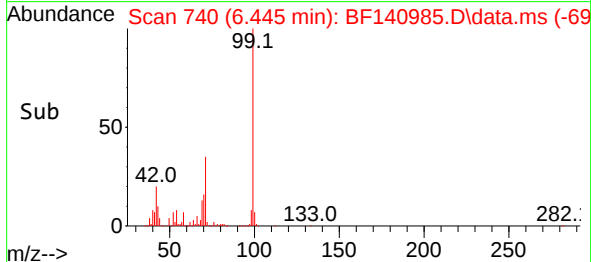
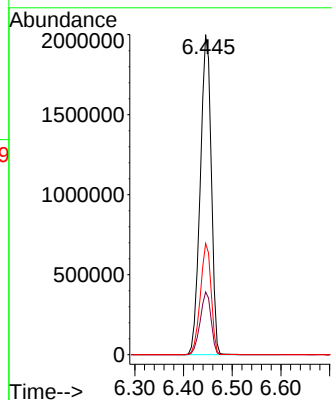
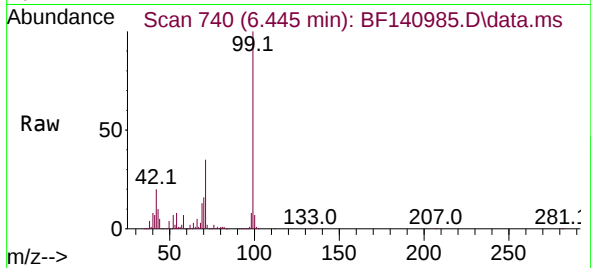




#7
Phenol-d6
Concen: 141.699 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

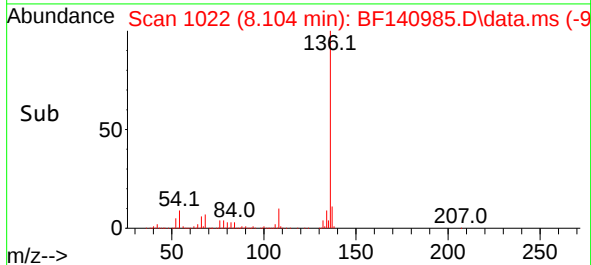
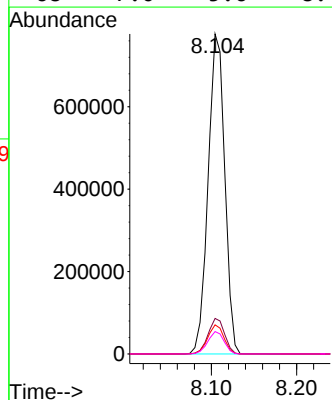
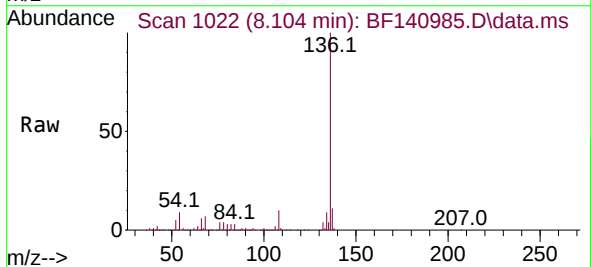
Instrument :
BNA_F
ClientSampleId :
PB165733TB

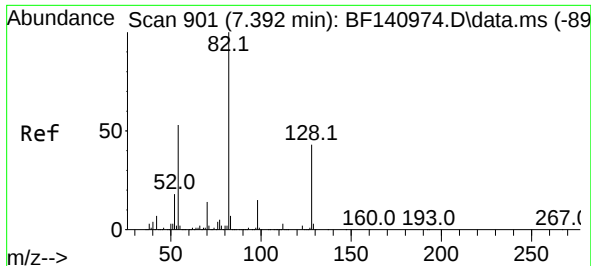
Tgt Ion: 99 Resp: 3145330
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 34.7 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

Tgt Ion: 136 Resp: 1051711
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.1 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 121.086 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF140985.D

Acq: 27 Dec 2024 10:04

Instrument :

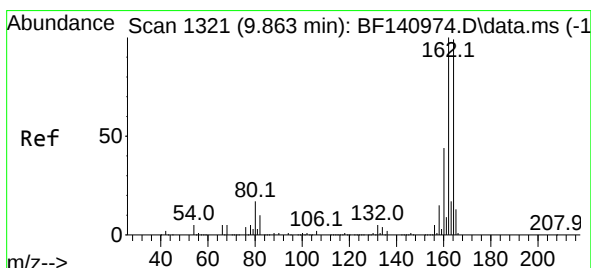
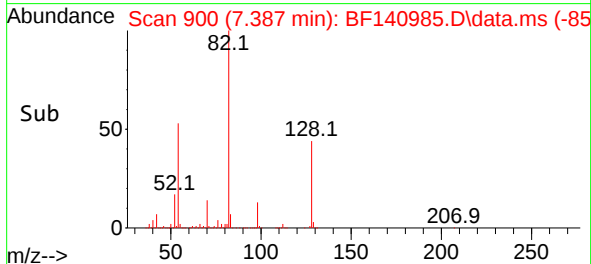
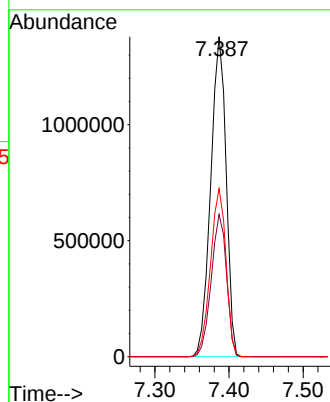
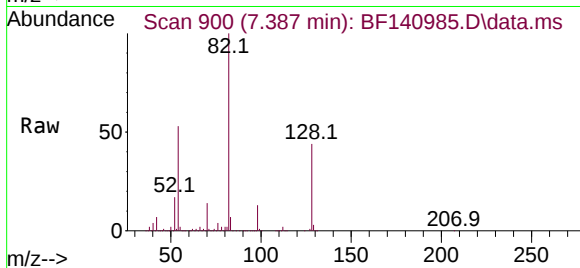
BNA_F

ClientSampleId :

PB165733TB

Tgt Ion: 82 Resp: 1990489

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	52.5	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

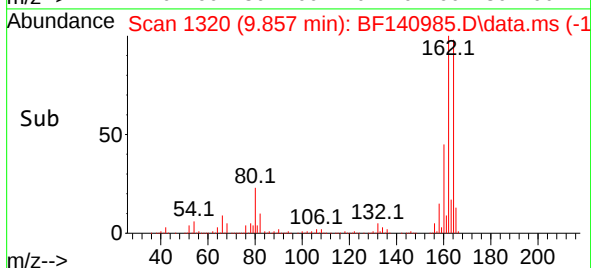
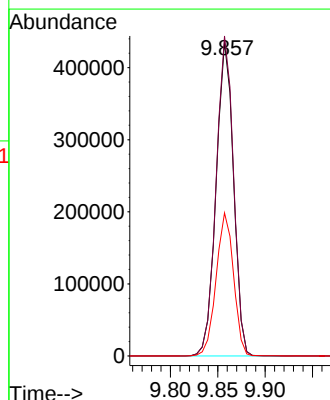
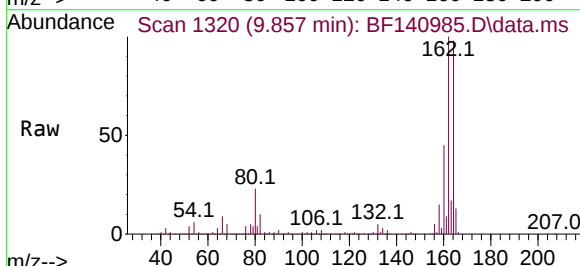
Delta R.T. -0.006 min

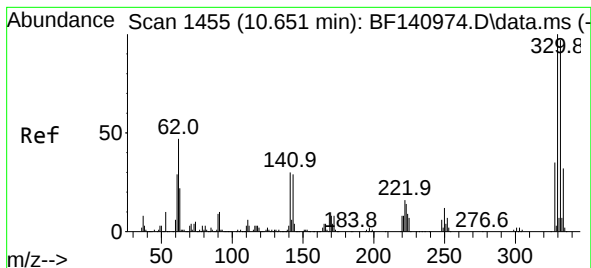
Lab File: BF140985.D

Acq: 27 Dec 2024 10:04

Tgt Ion: 164 Resp: 557788

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.6	35.7	53.5

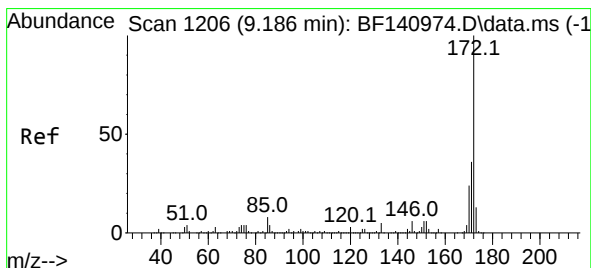
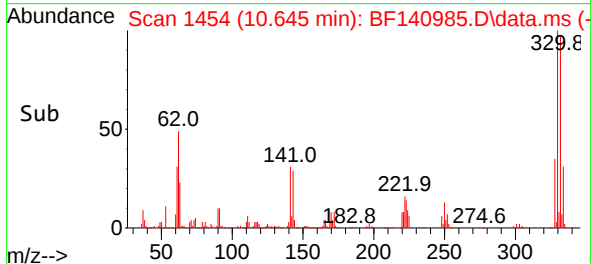
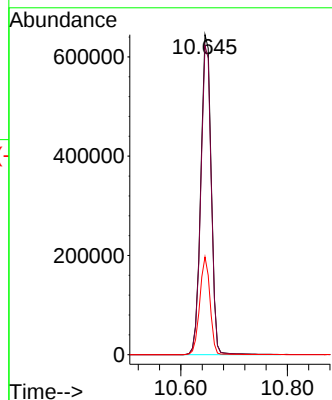
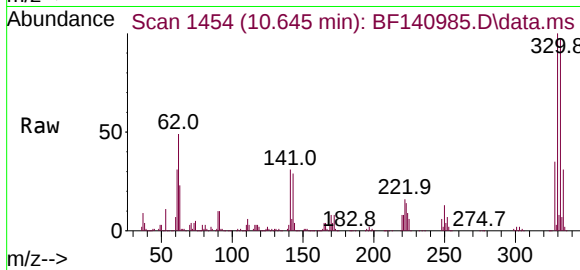




#42
2,4,6-Tribromophenol
Concen: 161.250 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

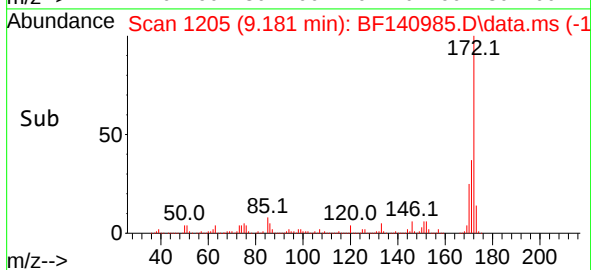
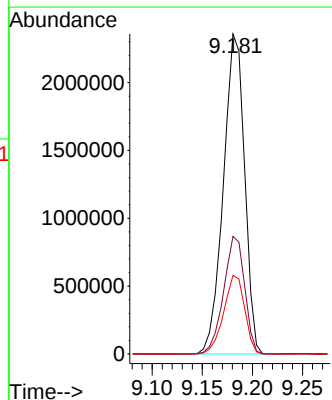
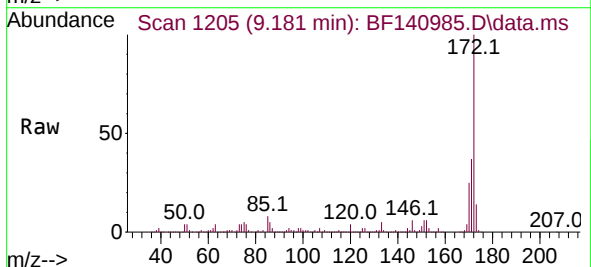
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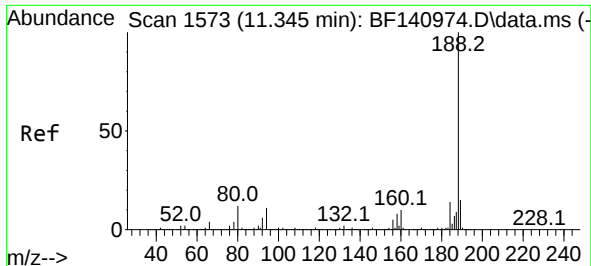
Tgt Ion:330 Resp: 873987
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 30.2 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 98.742 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

Tgt Ion:172 Resp: 3456926
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.6 19.6 29.4

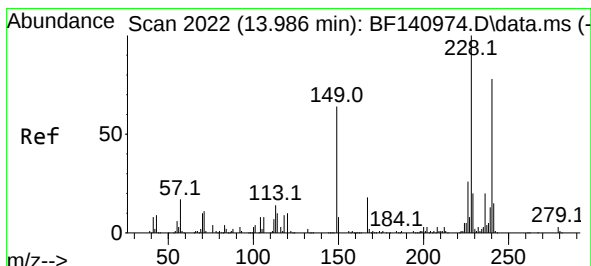
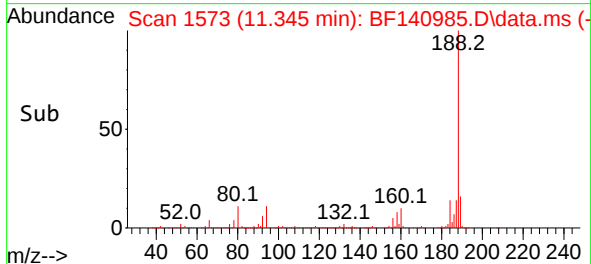
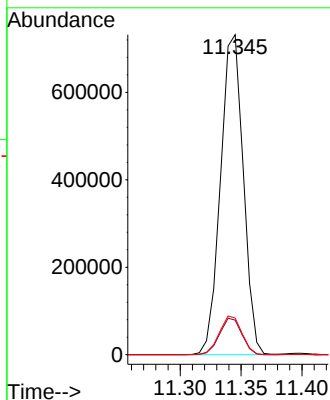
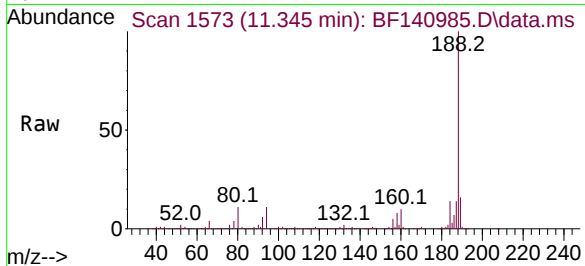




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

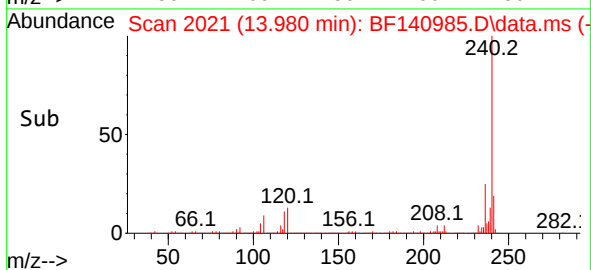
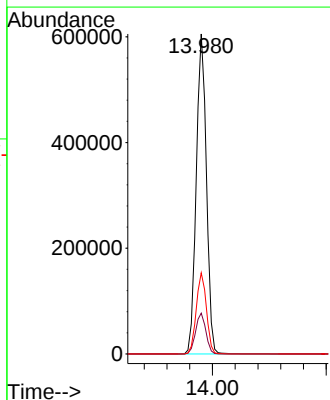
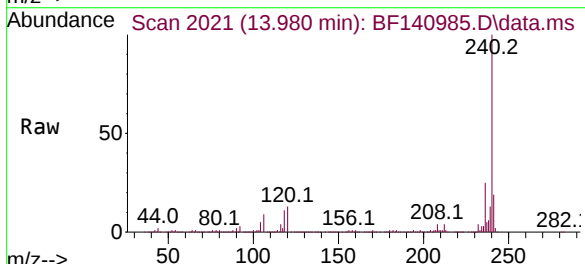
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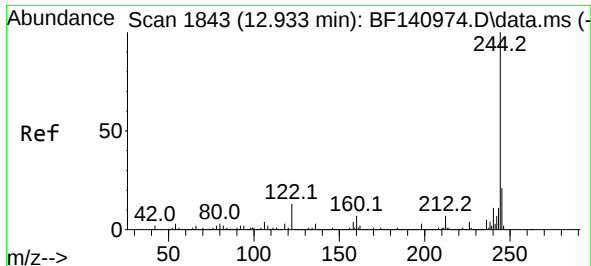
Tgt Ion:188 Resp: 953759
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF140985.D
Acq: 27 Dec 2024 10:04

Tgt Ion:240 Resp: 755663
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 25.4 20.6 31.0

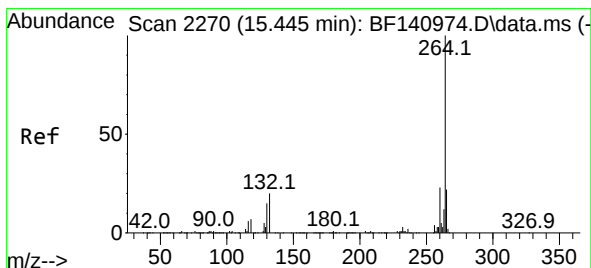
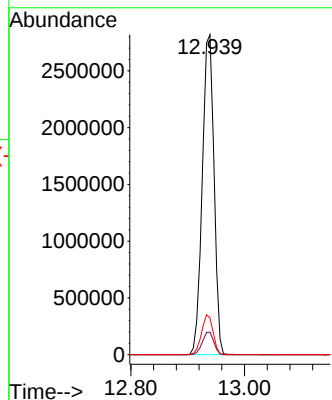
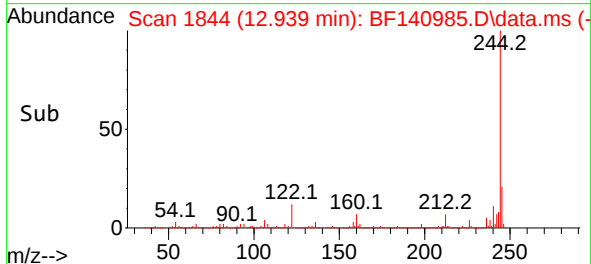
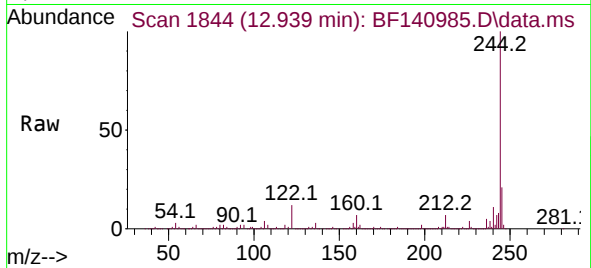




#79
 Terphenyl-d14
 Concen: 88.881 ng
 RT: 12.939 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF140985.D
 Acq: 27 Dec 2024 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB165733TB

Tgt Ion:244 Resp: 4043590
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.5 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF140985.D
 Acq: 27 Dec 2024 10:04

Tgt Ion:264 Resp: 599329
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.7 17.4 26.2

