

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141008.D
 Acq On : 27 Dec 2024 20:24
 Operator : RC/JU
 Sample : P5382-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Dec 27 22:21:33 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)

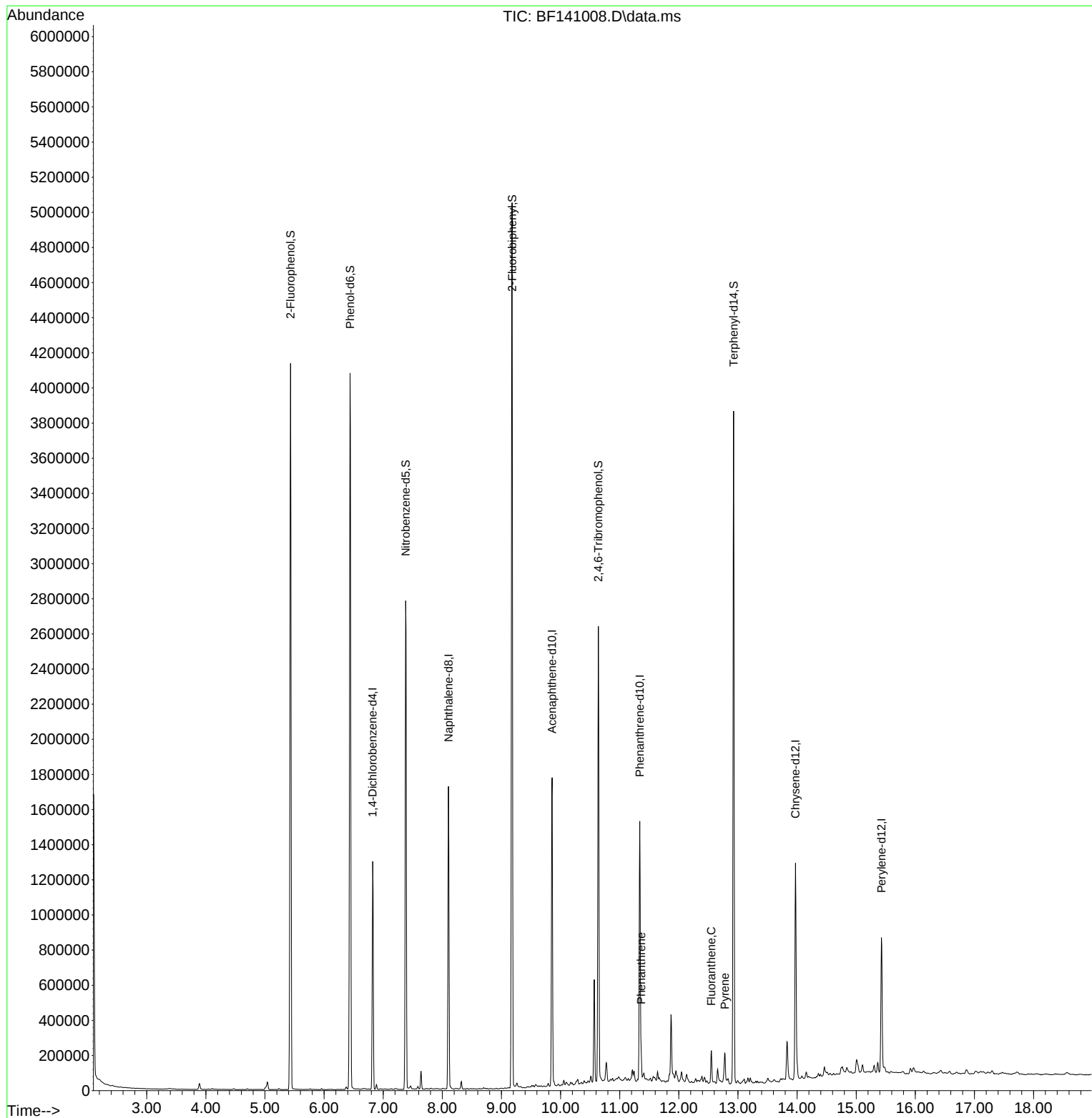
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	261409	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1032364	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	517375	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	711998	20.000	ng	0.00
76) Chrysene-d12	13.974	240	540701	20.000	ng	-0.01
86) Perylene-d12	15.427	264	441127	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1578664	91.031	ng	0.00
7) Phenol-d6	6.439	99	2014724	90.184	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1245591	77.192	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	435474	86.621	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	2197892	67.683	ng	0.00
79) Terphenyl-d14	12.927	244	1799788	55.288	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.363	178	85156	2.272	ng	98
75) Fluoranthene	12.551	202	101661	2.501	ng	98
78) Pyrene	12.780	202	96107	2.032	ng	99

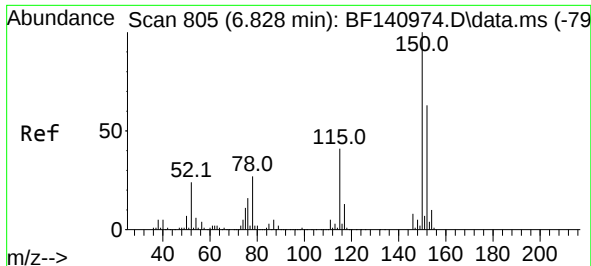
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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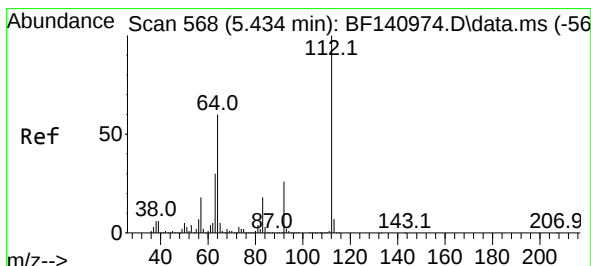
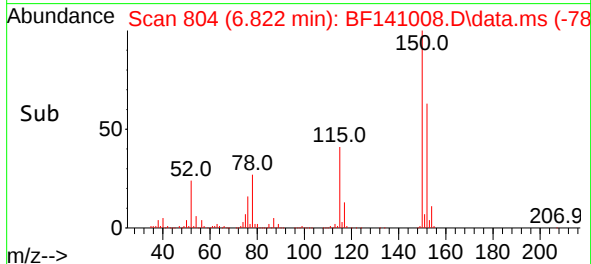
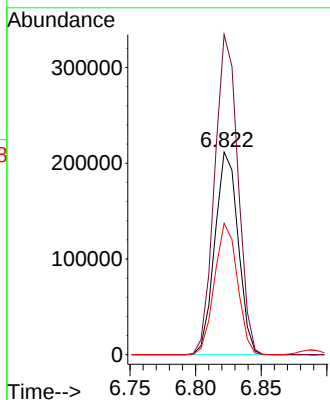
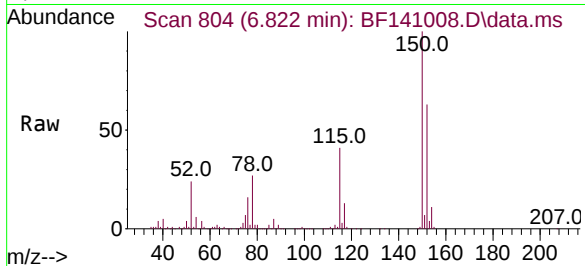




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

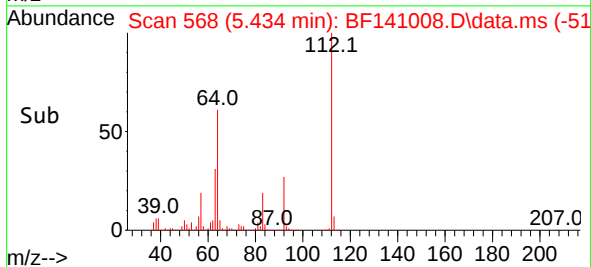
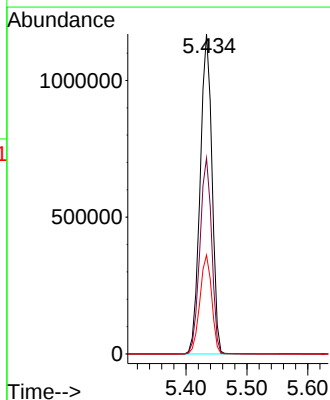
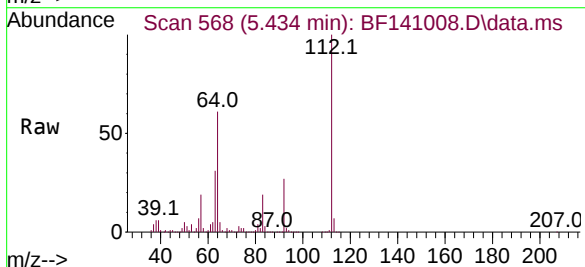
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 261409
Ion Ratio Lower Upper
152 100
150 157.9 127.0 190.6
115 64.8 51.7 77.5



#5
2-Fluorophenol
Concen: 91.031 ng
RT: 5.434 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:112 Resp: 1578664
Ion Ratio Lower Upper
112 100
64 61.2 47.7 71.5
63 30.9 24.2 36.2

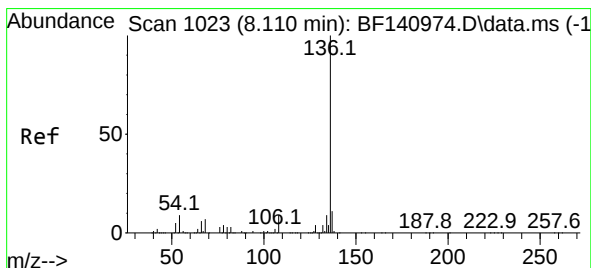
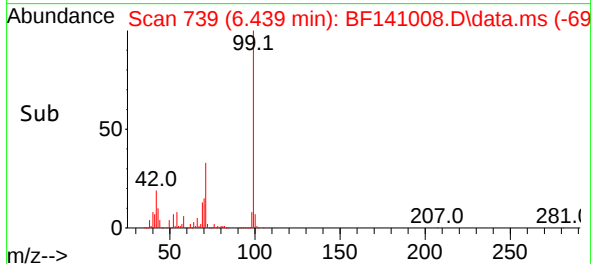
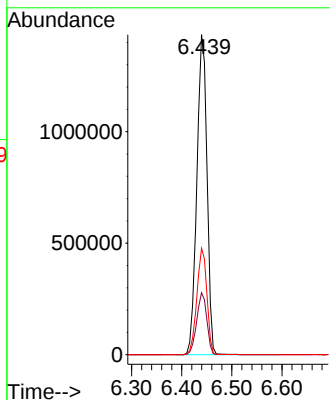
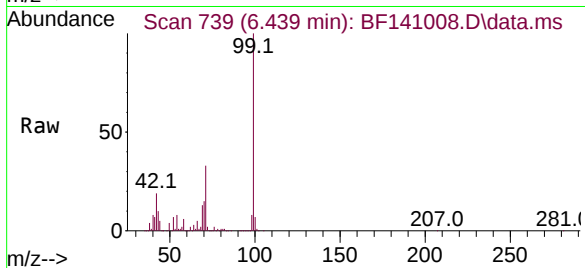




#7
Phenol-d6
Concen: 90.184 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

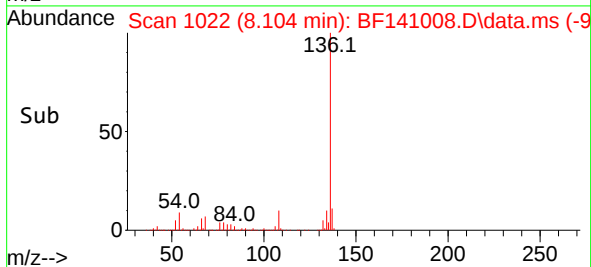
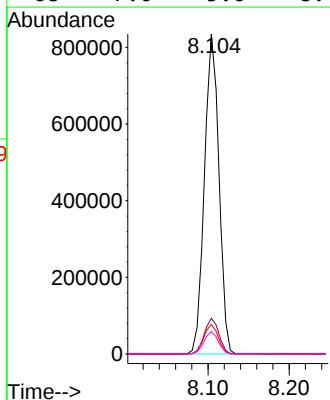
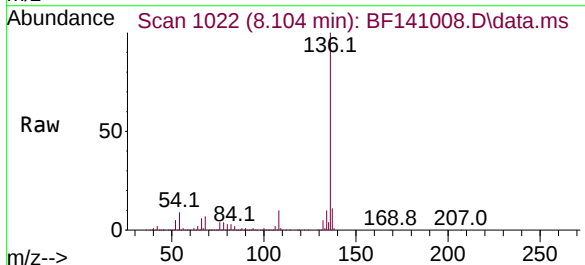
Instrument :
BNA_F
ClientSampleId :
COMP-3

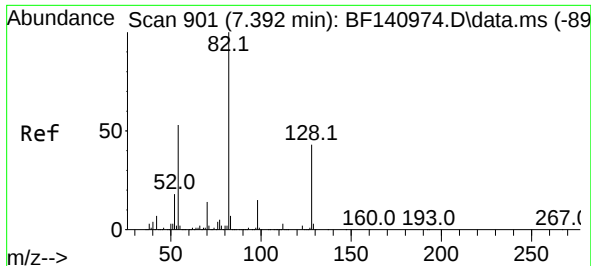
Tgt Ion: 99 Resp: 2014724
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 33.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion: 136 Resp: 1032364
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.3 7.6 11.4
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 77.192 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141008.D

Acq: 27 Dec 2024 20:24

Instrument :

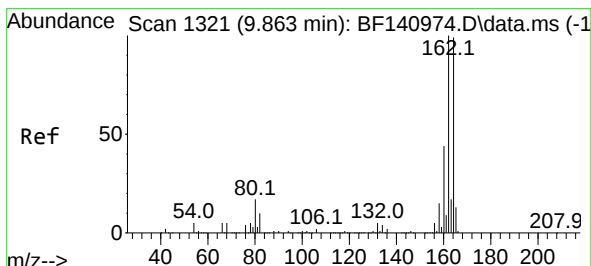
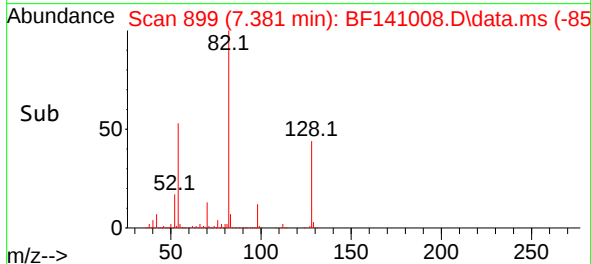
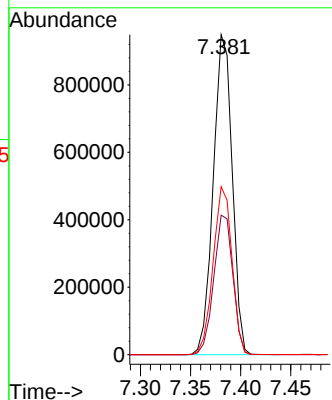
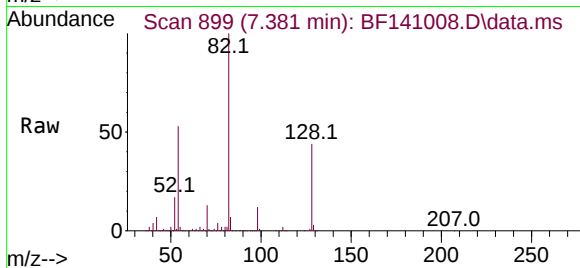
BNA_F

ClientSampleId :

COMP-3

Tgt Ion: 82 Resp: 1245591

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.4	51.6
54	52.5	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

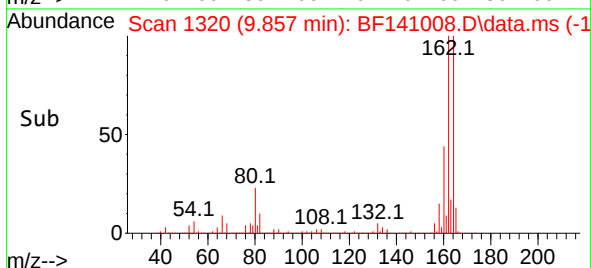
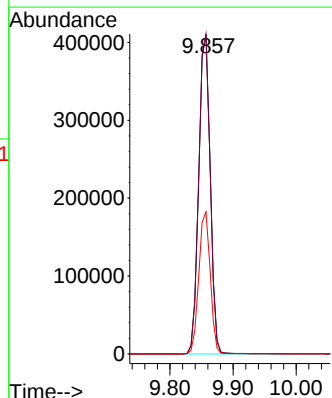
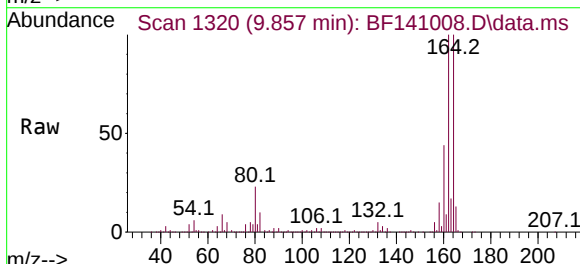
Delta R.T. -0.006 min

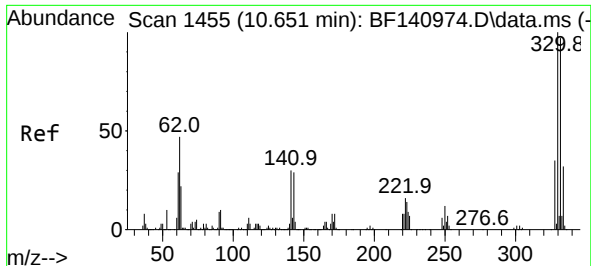
Lab File: BF141008.D

Acq: 27 Dec 2024 20:24

Tgt Ion: 164 Resp: 517375

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.4	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 86.621 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF141008.D

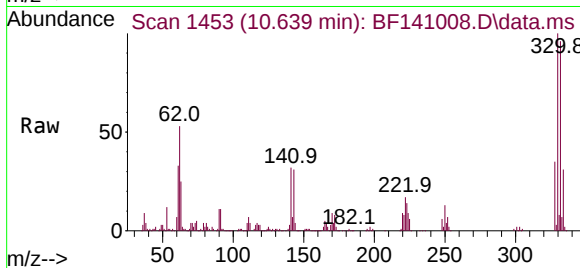
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Instrument :

BNA_F

ClientSampleId :

COMP-3



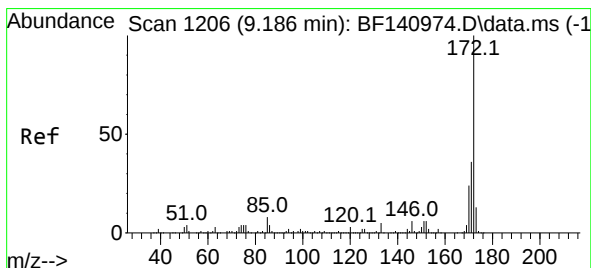
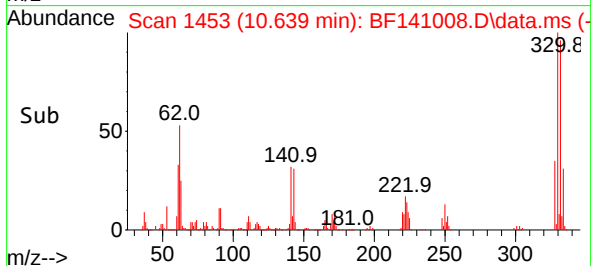
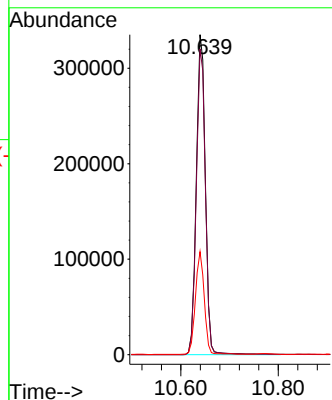
Tgt Ion:330 Resp: 435474

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 31.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 67.683 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141008.D

Acq: 27 Dec 2024 20:24

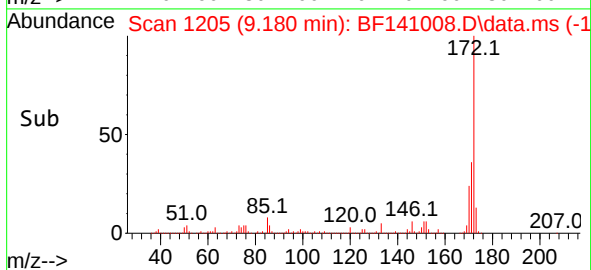
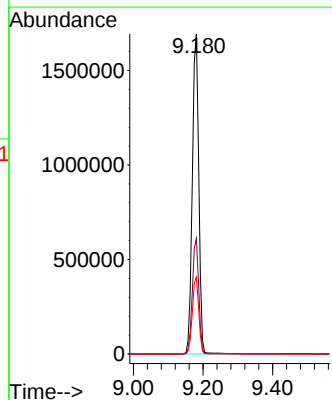
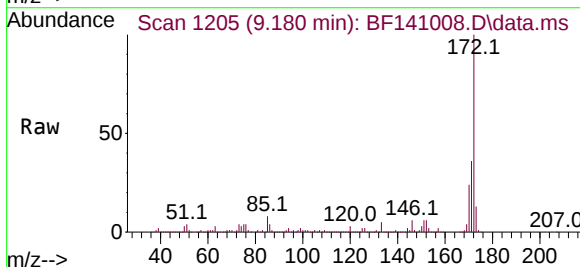
Tgt Ion:172 Resp: 2197892

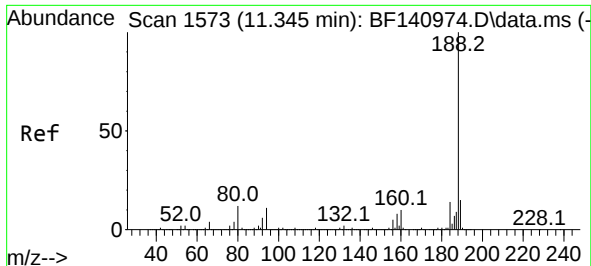
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.1 19.6 29.4

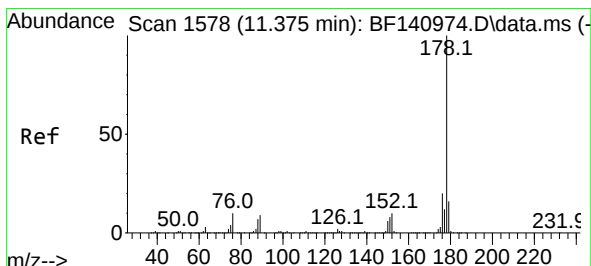
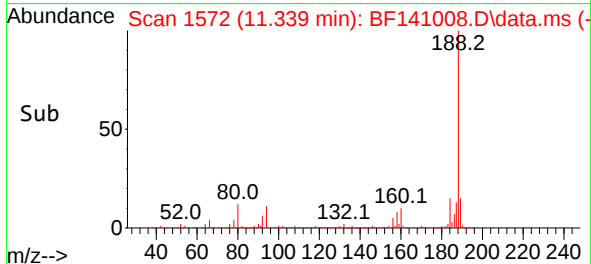
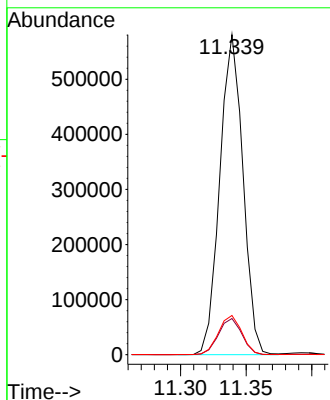
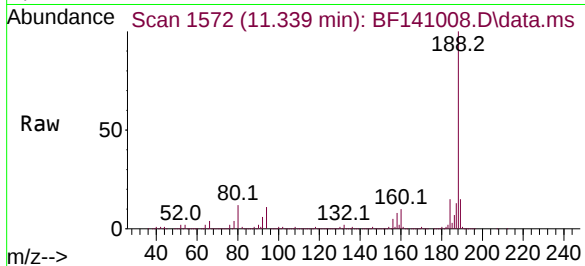




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

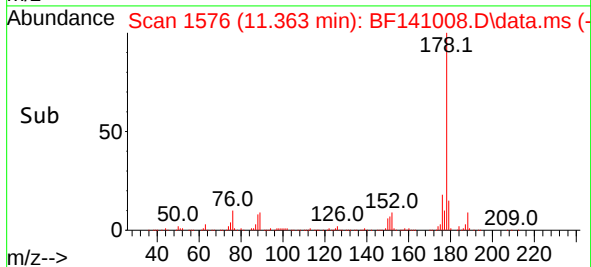
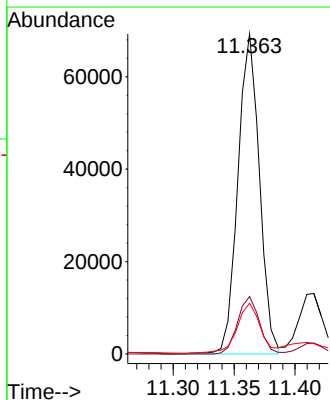
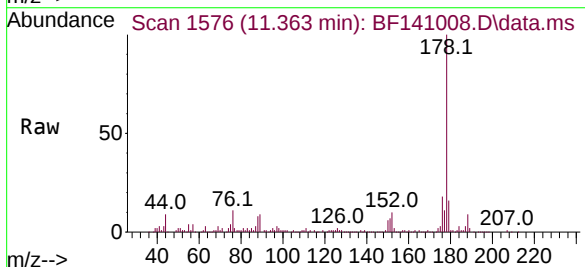
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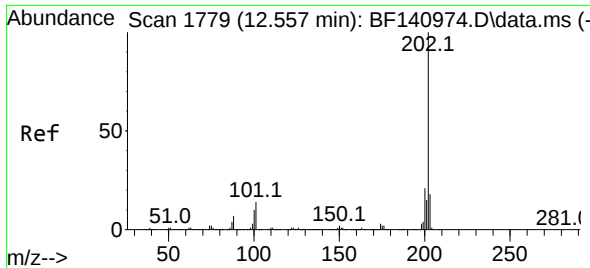
Tgt Ion:188 Resp: 711998
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.2 9.8 14.6



#71
Phenanthrene
Concen: 2.272 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:178 Resp: 85156
Ion Ratio Lower Upper
178 100
176 18.0 15.8 23.6
179 15.9 12.6 19.0

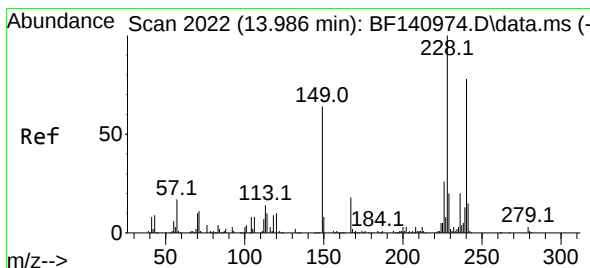
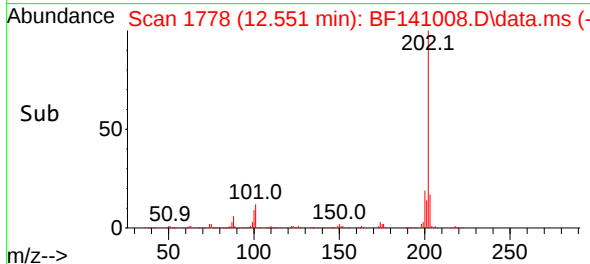
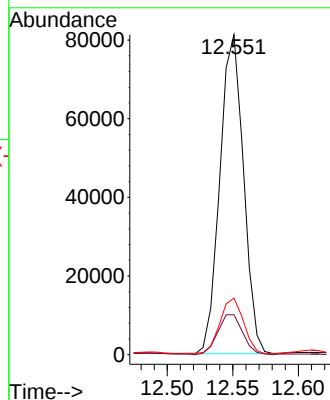
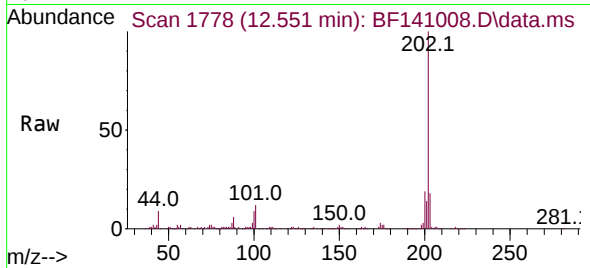




#75
Fluoranthene
Concen: 2.501 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

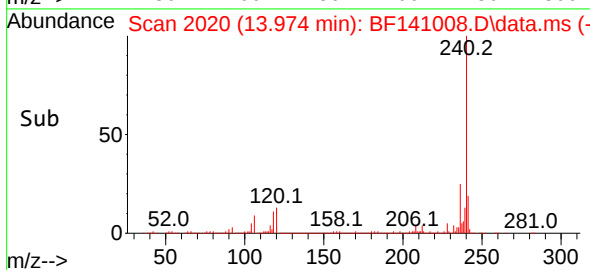
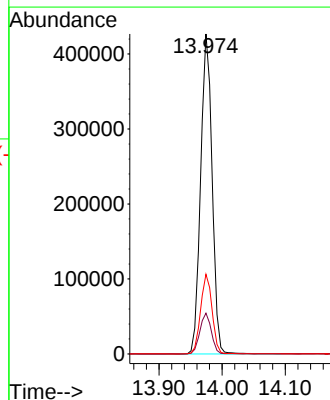
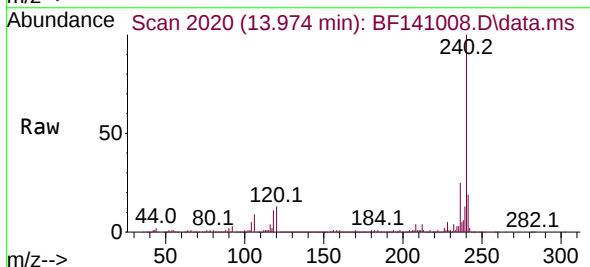
Instrument :
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ClientSampleId :
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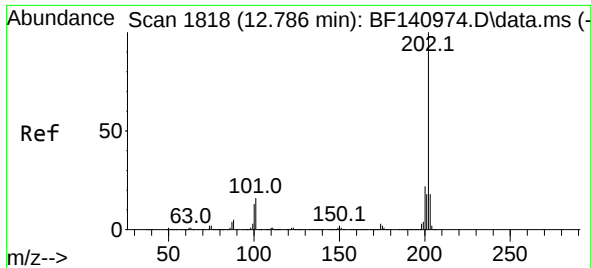
Tgt Ion:202 Resp: 101661
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.7
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:240 Resp: 540701
Ion Ratio Lower Upper
240 100
120 12.8 10.7 16.1
236 24.9 20.6 31.0

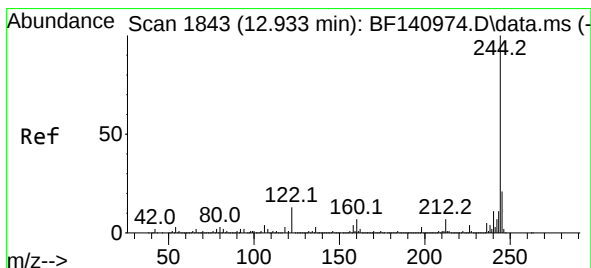
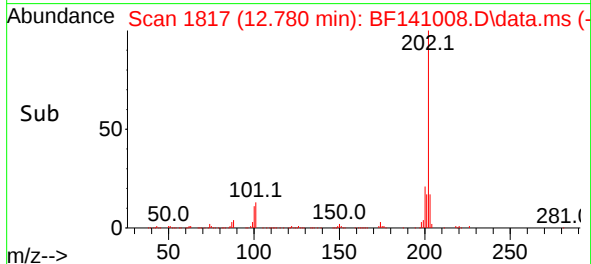
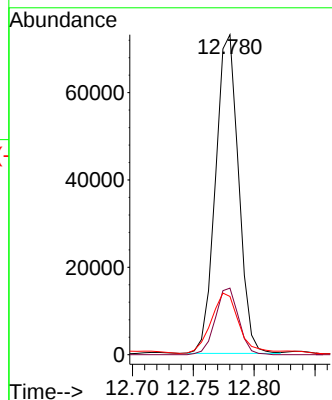
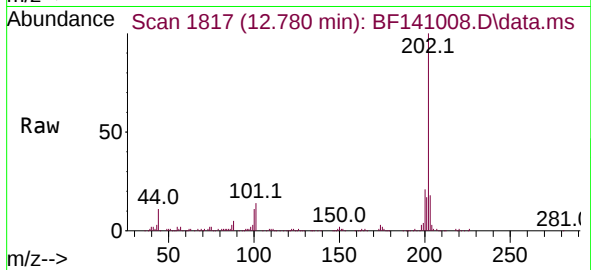




#78
Pyrene
Concen: 2.032 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

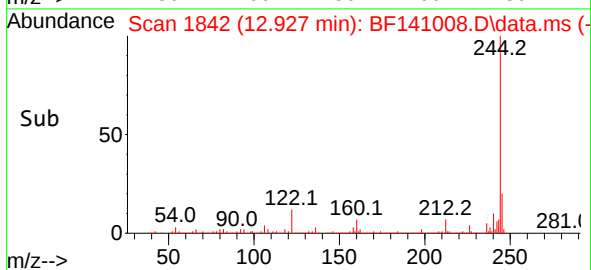
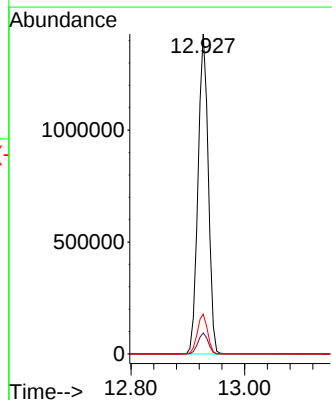
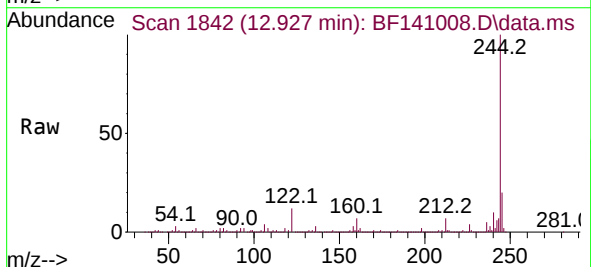
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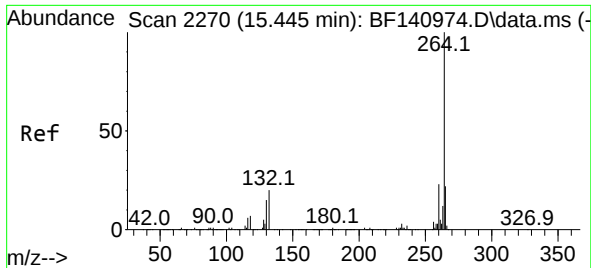
Tgt Ion:202 Resp: 96107
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 55.288 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Tgt Ion:244 Resp: 1799788
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 12.5 10.2 15.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141008.D
Acq: 27 Dec 2024 20:24

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:264 Resp: 441127
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.6 17.4 26.2

