

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142097.D
Acq On : 26 Mar 2025 15:06
Operator : RC/JU
Sample : PB167275TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167275TB

Quant Time: Mar 26 15:37:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	123691	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	480597	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	269310	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	488702	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	340590	20.000	ng	0.00
86) Perylene-d12	15.510	264	284587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1086897	146.655	ng	0.00
7) Phenol-d6	6.492	99	1302656	138.049	ng	-0.01
23) Nitrobenzene-d5	7.434	82	870420	101.923	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	549986	160.977	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1817535	102.637	ng	-0.01
79) Terphenyl-d14	12.980	244	2525984	109.649	ng	0.00

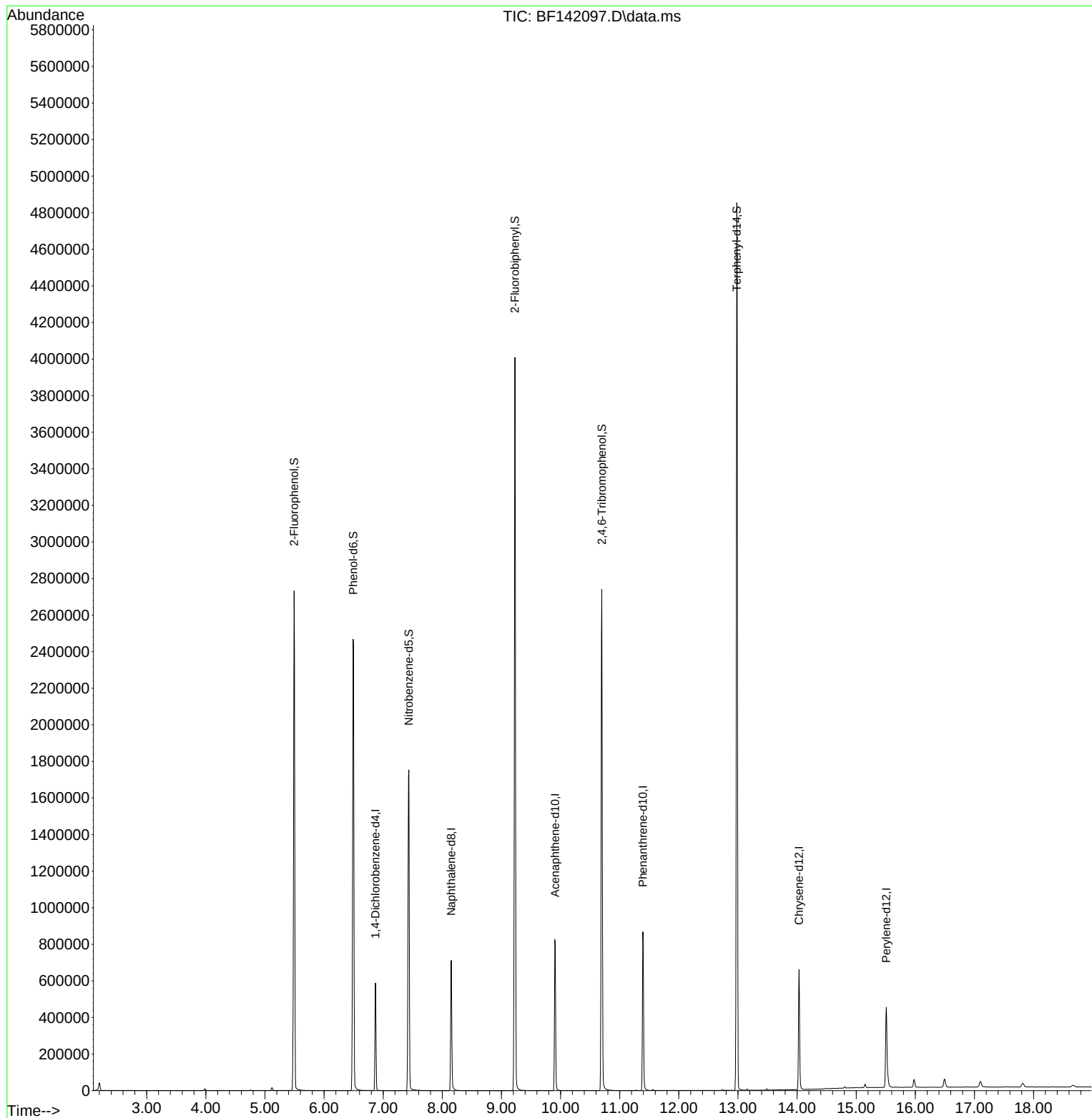
Target Compounds	Qvalue

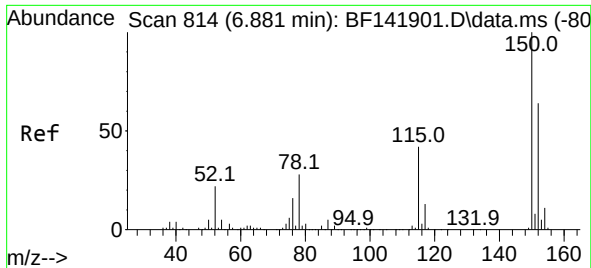
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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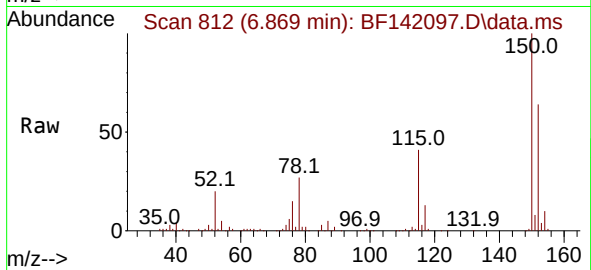
Quant Time: Mar 26 15:37:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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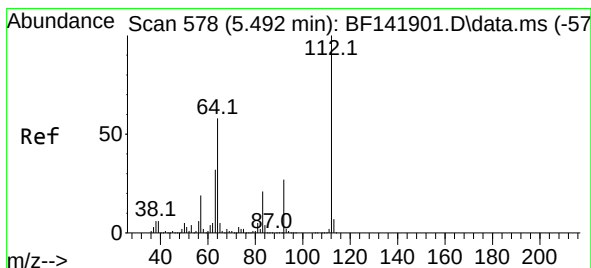
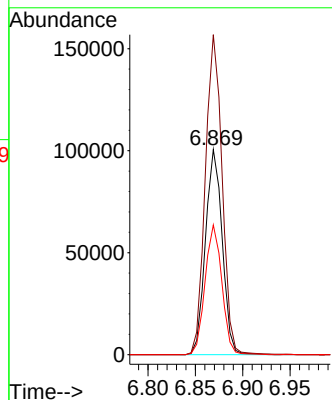
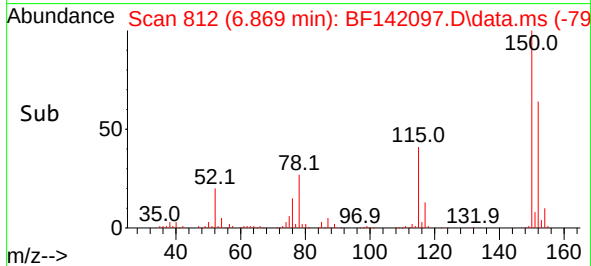


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Instrument :
BNA_F
ClientSampleId :
PB167275TB

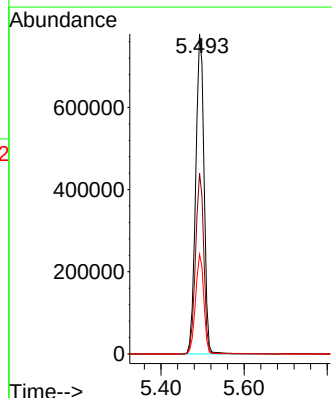
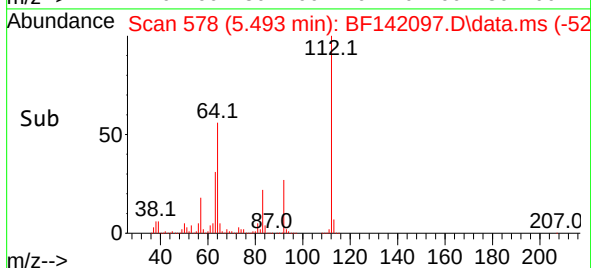
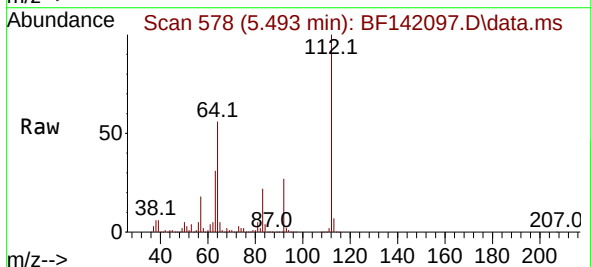


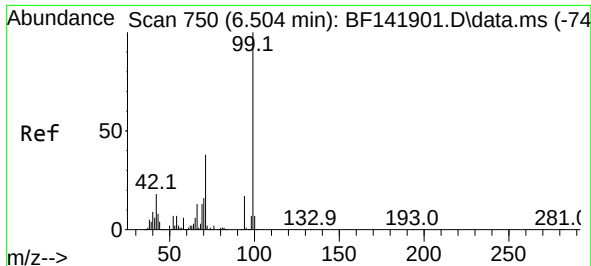
Tgt Ion:152 Resp: 123691
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 146.655 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:112 Resp: 1086897
Ion Ratio Lower Upper
112 100
64 56.4 46.5 69.7
63 31.1 25.4 38.2

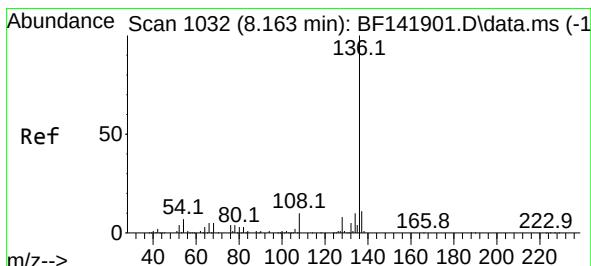
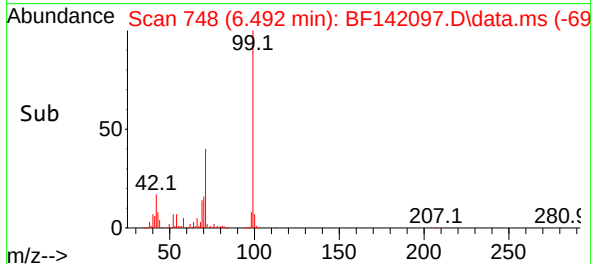
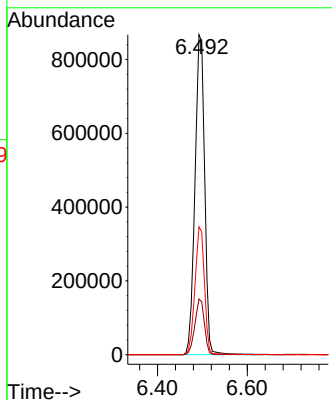
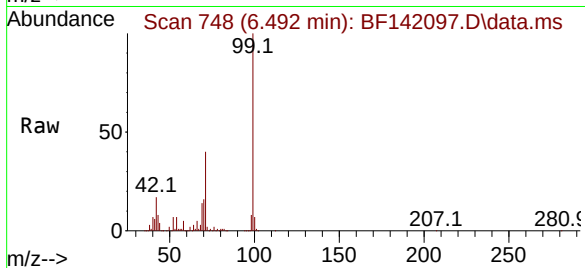




#7
Phenol-d6
Concen: 138.049 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

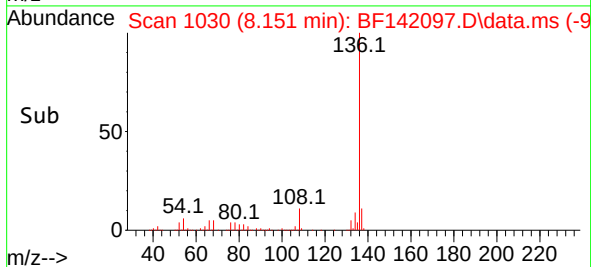
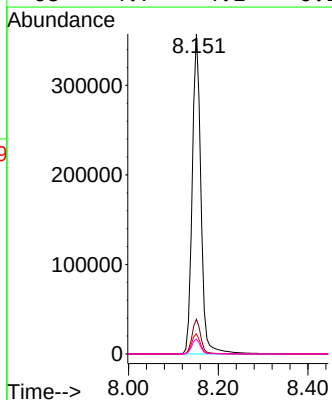
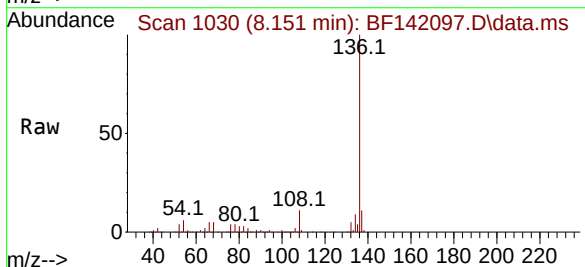
Instrument :
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ClientSampleId :
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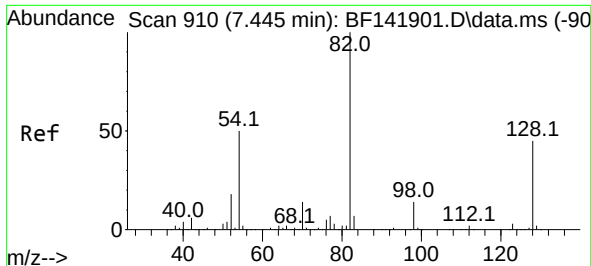
Tgt Ion: 99 Resp: 1302656
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 39.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:136 Resp: 480597
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.8 8.8
68 4.7 4.1 6.1

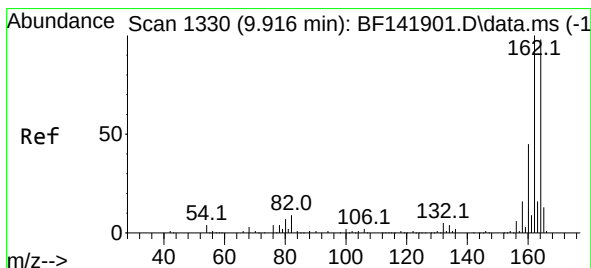
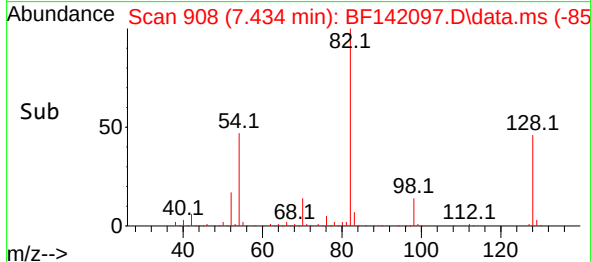
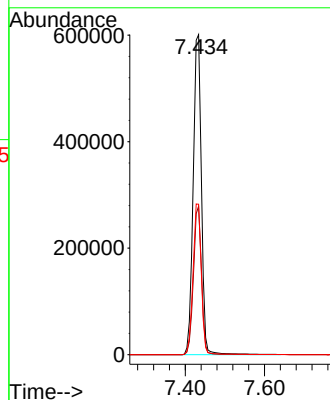
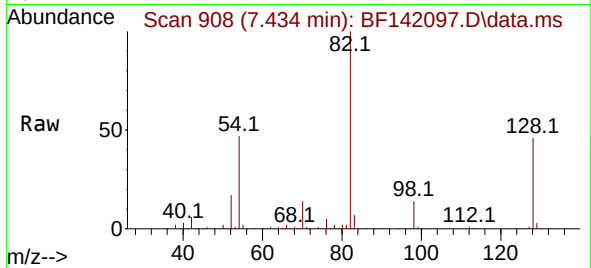




#23
Nitrobenzene-d5
Concen: 101.923 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

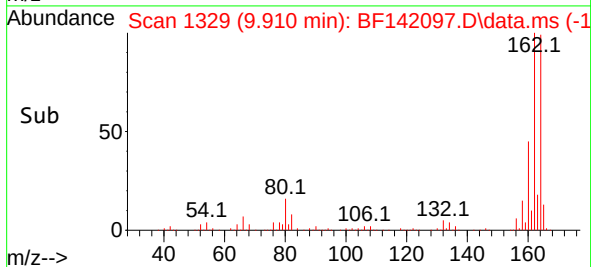
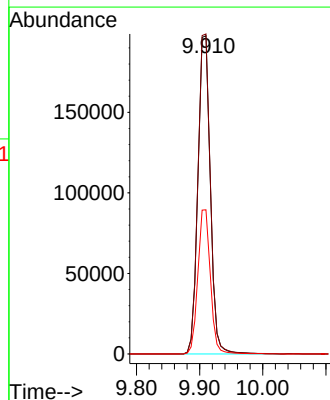
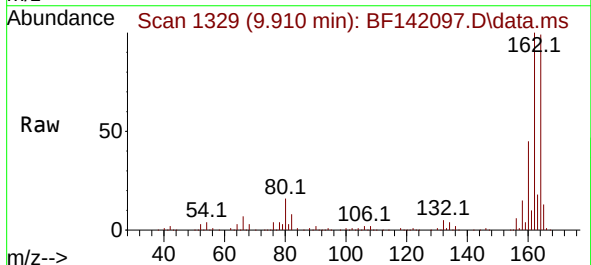
Instrument :
BNA_F
ClientSampleId :
PB167275TB

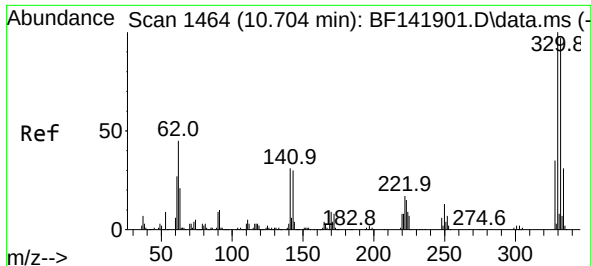
Tgt Ion: 82 Resp: 870420
Ion Ratio Lower Upper
82 100
128 46.4 36.0 54.0
54 47.0 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:164 Resp: 269310
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 45.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 160.977 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142097.D

Acq: 26 Mar 2025 15:06

Instrument :

BNA_F

ClientSampleId :

PB167275TB

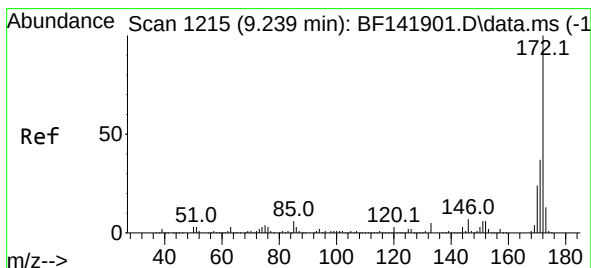
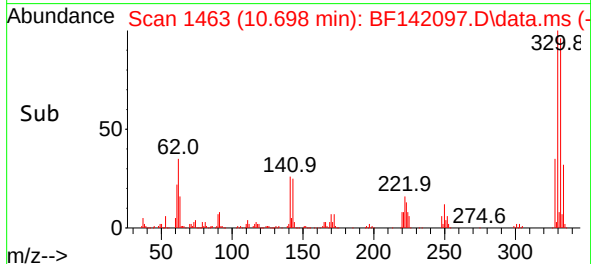
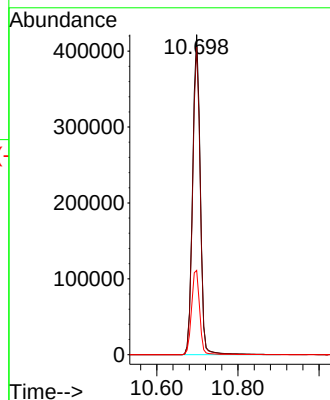
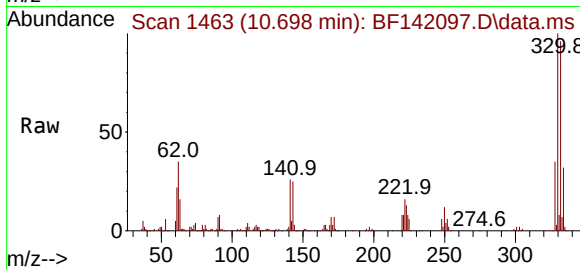
Tgt Ion:330 Resp: 549986

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 27.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 102.637 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142097.D

Acq: 26 Mar 2025 15:06

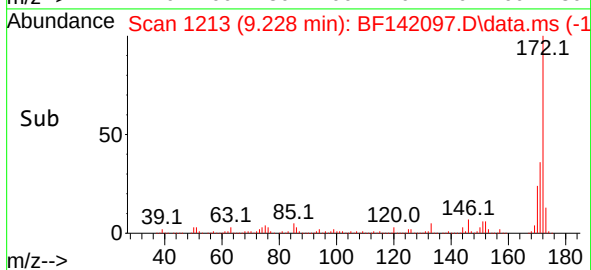
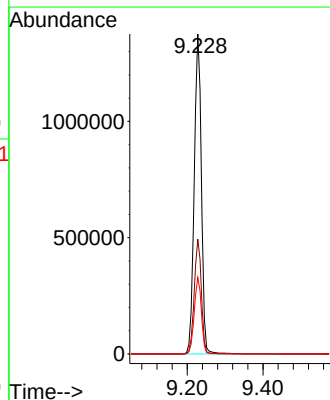
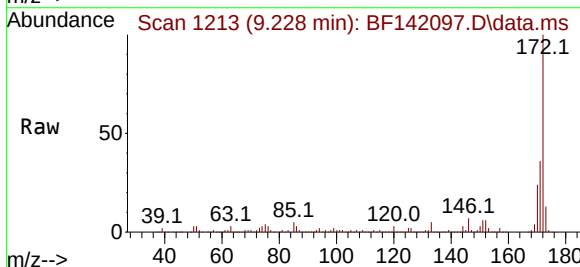
Tgt Ion:172 Resp: 1817535

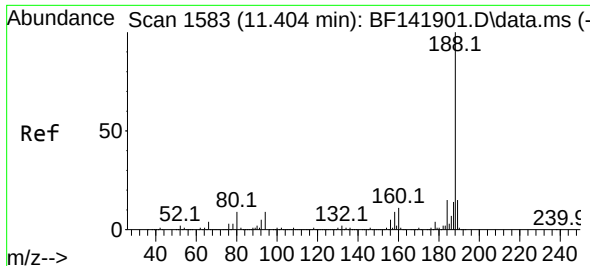
Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.9 19.4 29.0

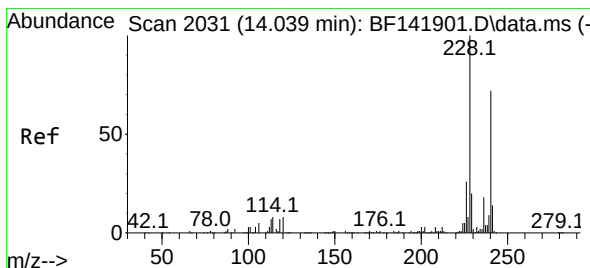
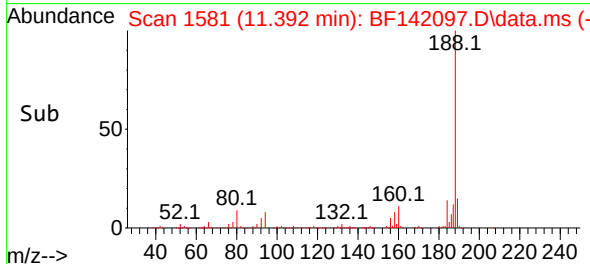
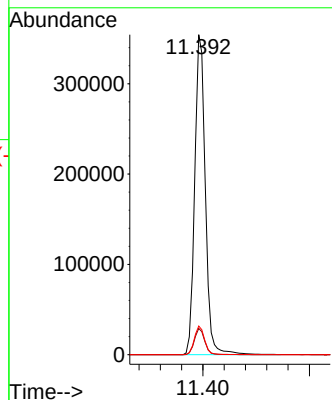
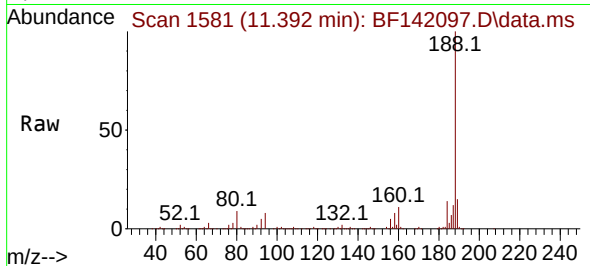




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

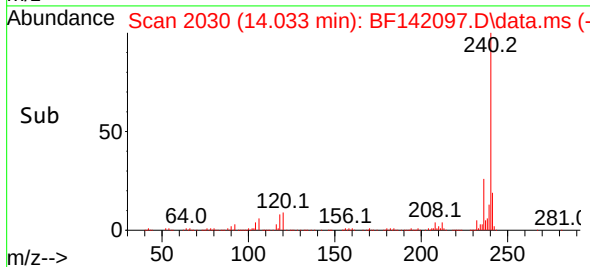
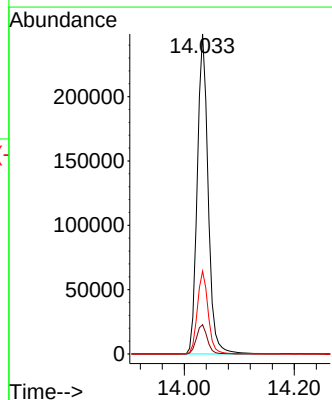
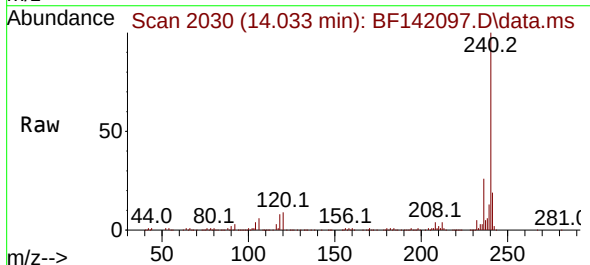
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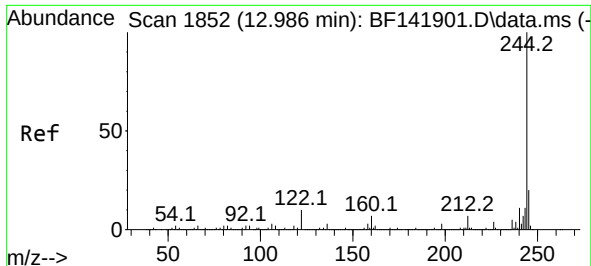
Tgt Ion:188 Resp: 488702
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

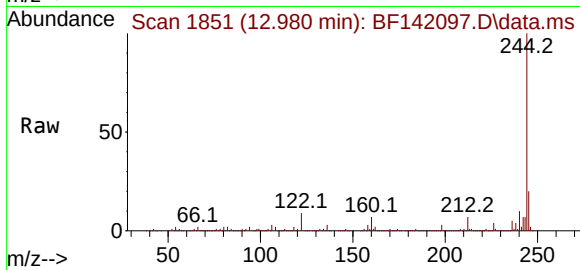
Tgt Ion:240 Resp: 340590
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.9 20.5 30.7



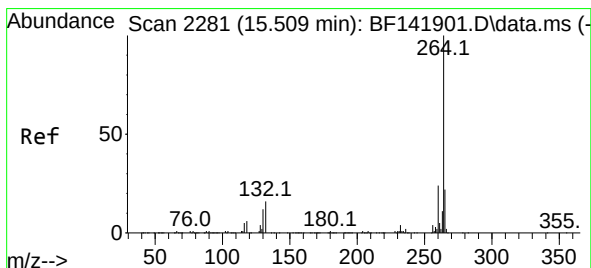
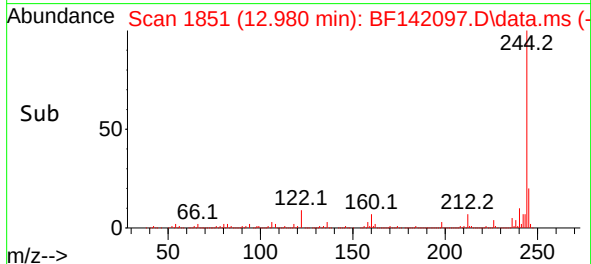
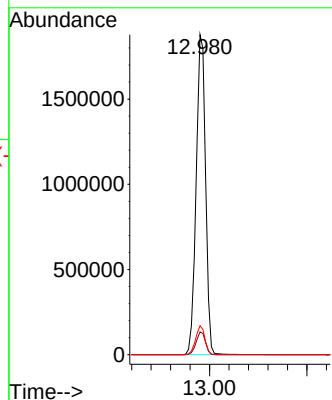


#79
Terphenyl-d14
Concen: 109.649 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Instrument :
BNA_F
ClientSampleId :
PB167275TB



Tgt Ion:244 Resp: 2525984
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.0 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142097.D
Acq: 26 Mar 2025 15:06

Tgt Ion:264 Resp: 284587
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.5 17.5 26.3

