

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141329.D
 Acq On : 31 Jan 2025 13:53
 Operator : RC/JU
 Sample : Q1211-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3

Quant Time: Jan 31 14:16:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	150168	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	598599	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	329514	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	566632	20.000	ng	0.00
76) Chrysene-d12	13.963	240	400669	20.000	ng	-0.01
86) Perylene-d12	15.421	264	319761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	558290	57.075	ng	0.00
7) Phenol-d6	6.416	99	437849	35.187	ng	-0.02
23) Nitrobenzene-d5	7.357	82	988633	87.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	403823	133.677	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1738039	81.185	ng	0.00
79) Terphenyl-d14	12.916	244	1686692	64.921	ng	0.00

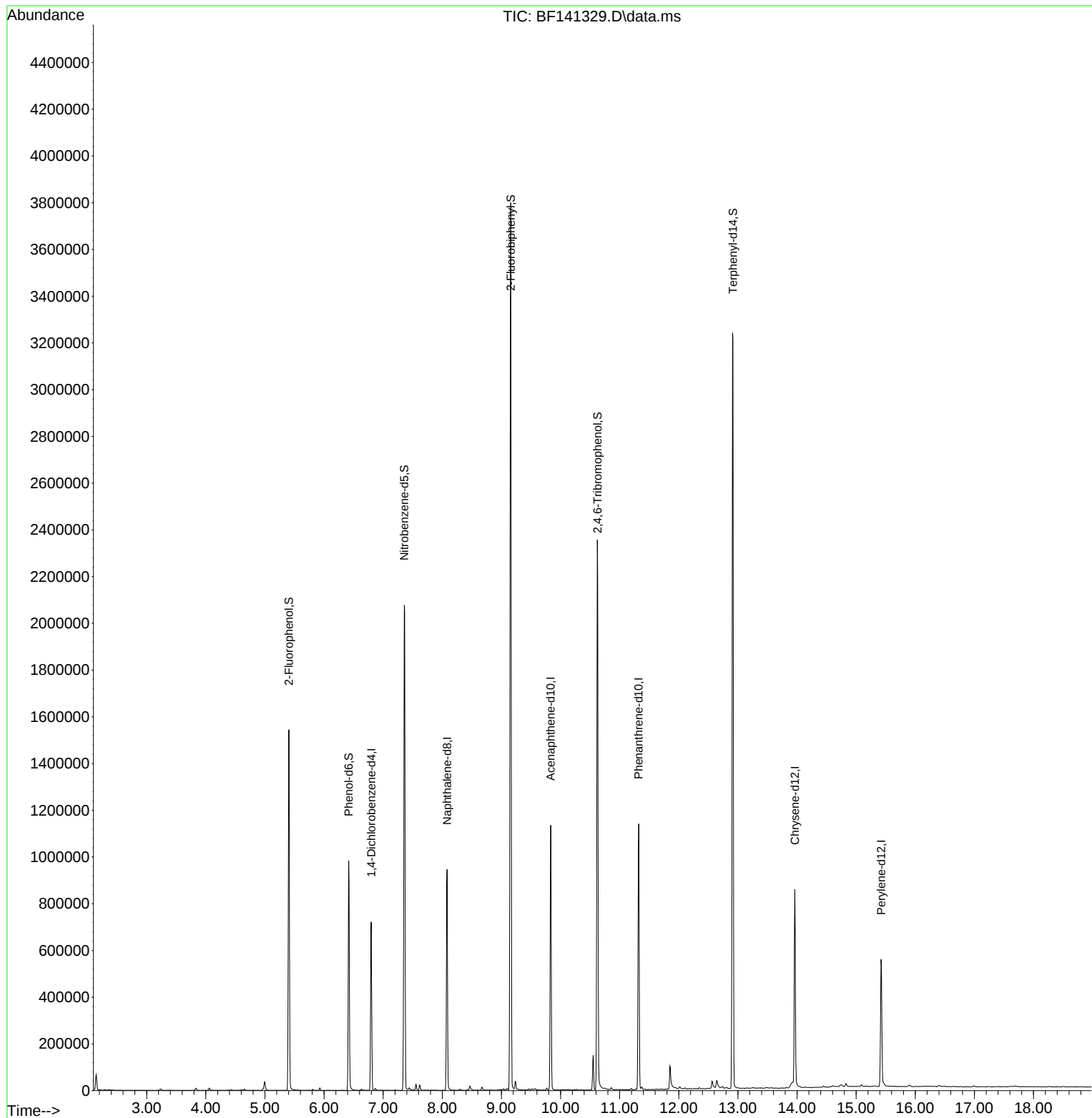
Target Compounds	Qvalue

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

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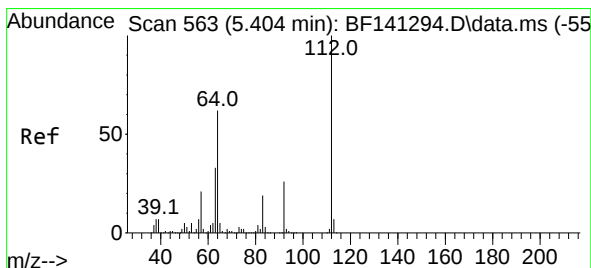
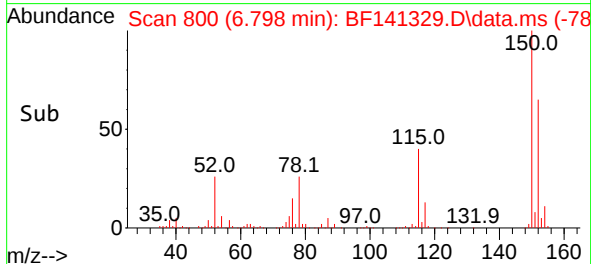
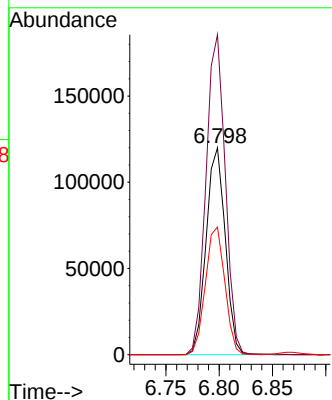
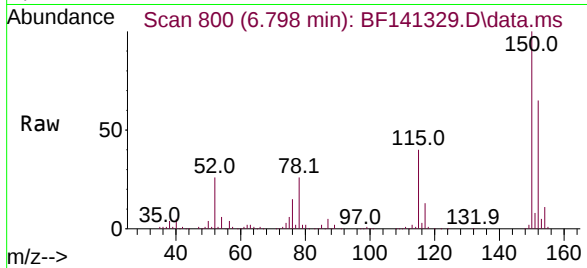




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

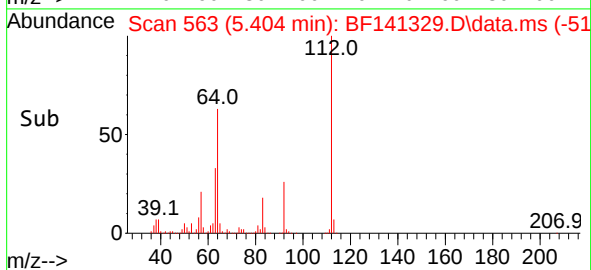
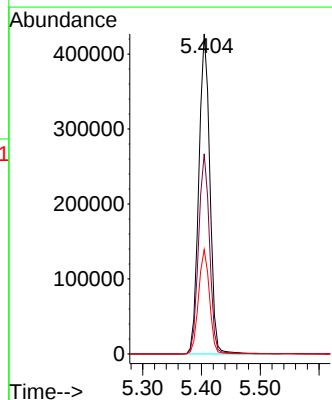
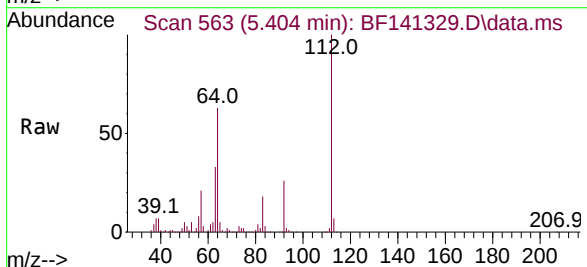
Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3

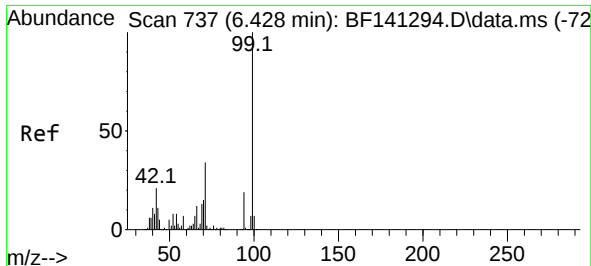
Tgt Ion:152 Resp: 150168
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 61.7 49.7 74.5



#5
 2-Fluorophenol
 Concen: 57.075 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

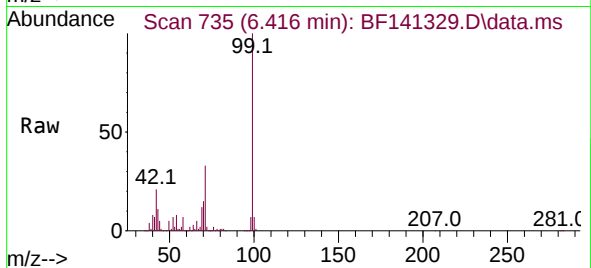
Tgt Ion:112 Resp: 558290
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.8 74.8
 63 32.6 26.1 39.1





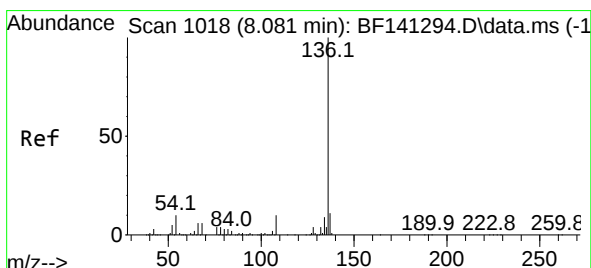
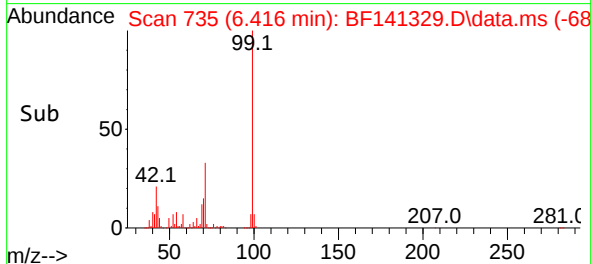
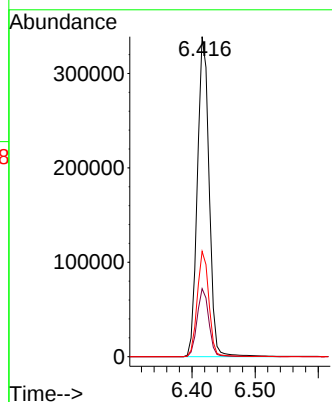
#7
Phenol-d6
Concen: 35.187 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
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ClientSampleId :
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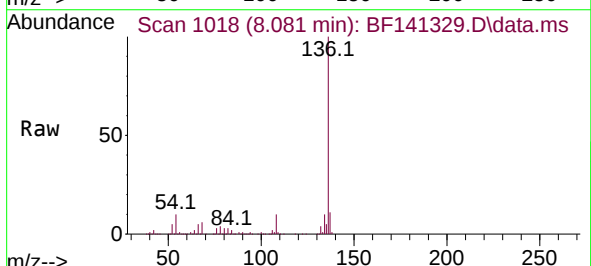


Tgt Ion: 99 Resp: 437849

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	32.9	26.9	40.3

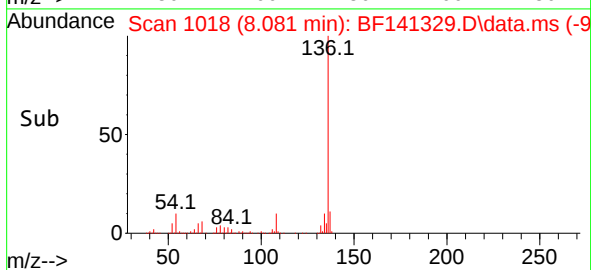
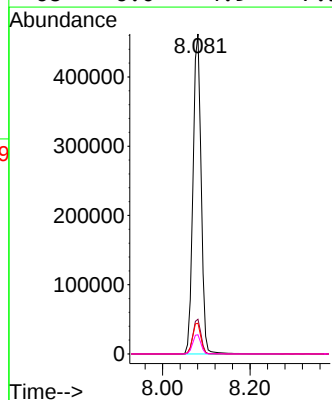


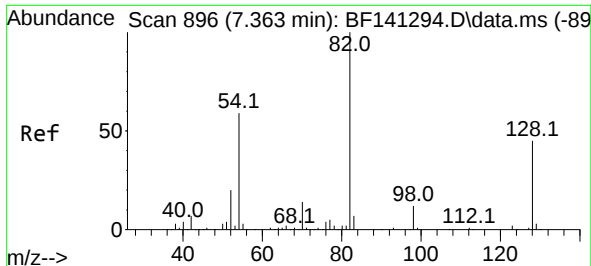
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53



Tgt Ion: 136 Resp: 598599

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.6	7.8	11.8
68	6.0	4.9	7.3

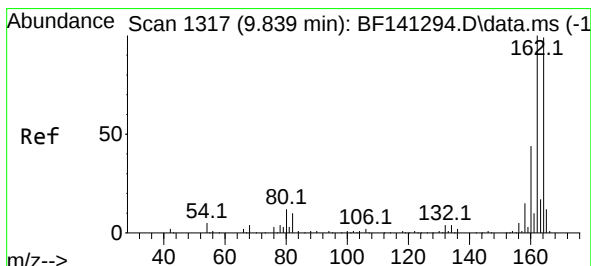
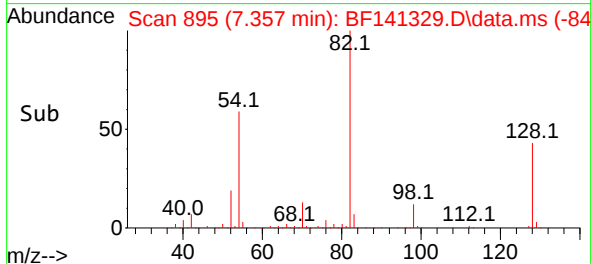
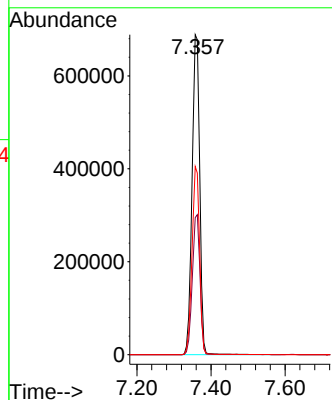
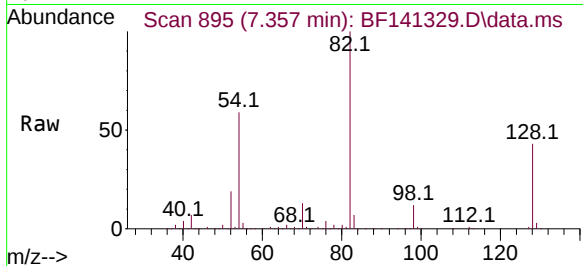




#23
Nitrobenzene-d5
Concen: 87.065 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

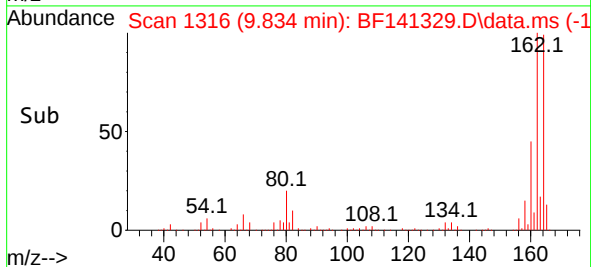
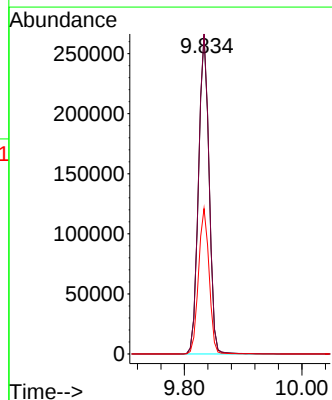
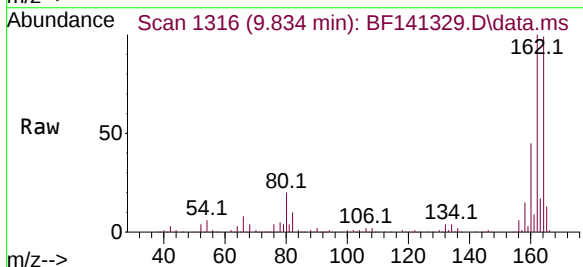
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

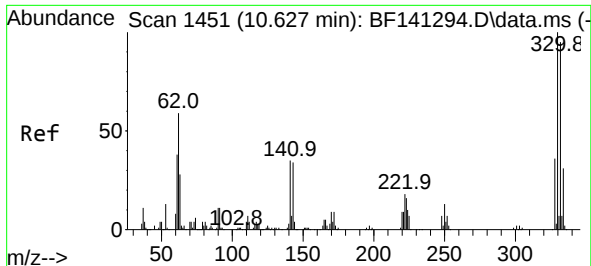
Tgt Ion: 82 Resp: 988633
Ion Ratio Lower Upper
82 100
128 42.8 35.7 53.5
54 58.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:164 Resp: 329514
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 133.677 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141329.D

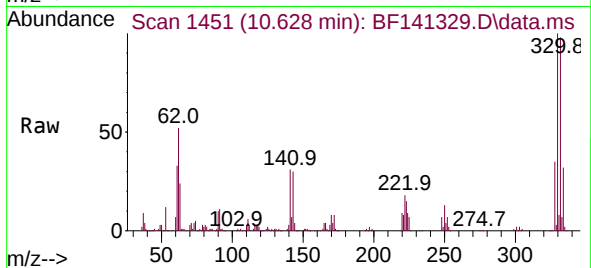
Acq: 31 Jan 2025 13:53

Instrument :

BNA_F

ClientSampleId :

TAPIAL2-MW03-012825-00-T3



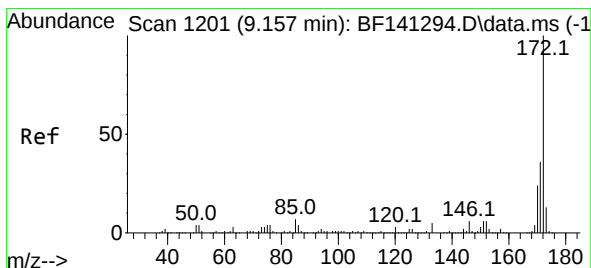
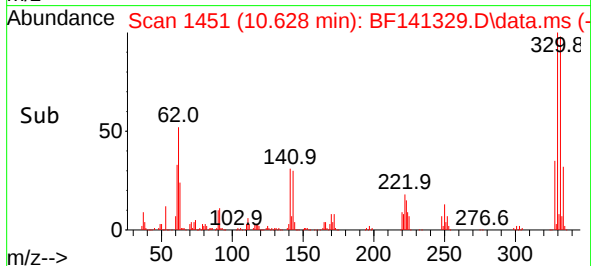
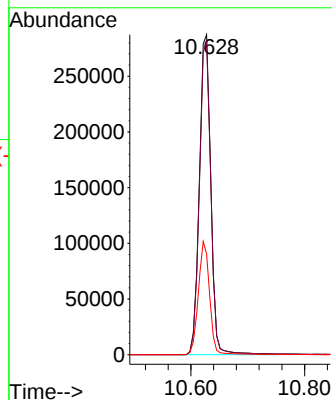
Tgt Ion:330 Resp: 403823

Ion Ratio Lower Upper

330 100

332 97.9 76.1 114.1

141 34.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 81.185 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141329.D

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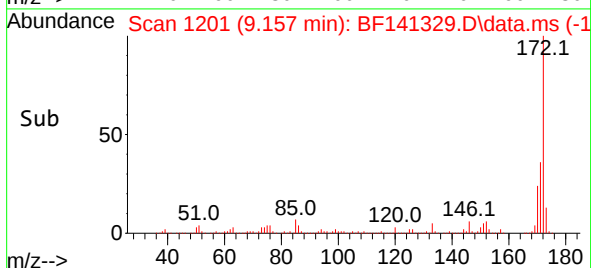
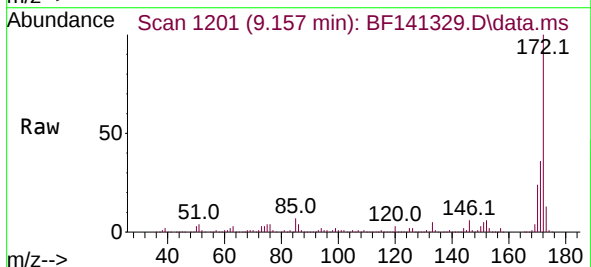
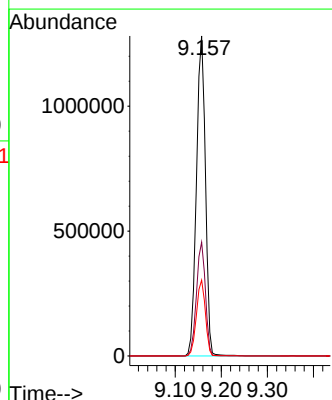
Tgt Ion:172 Resp: 1738039

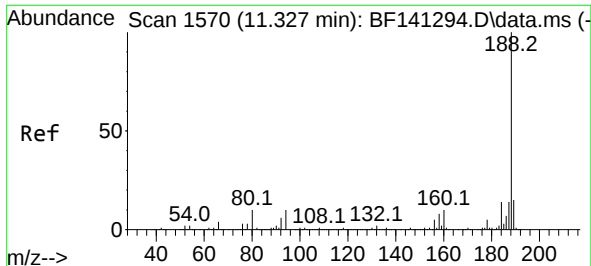
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.0 28.6

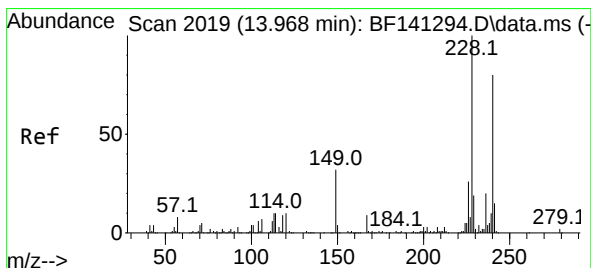
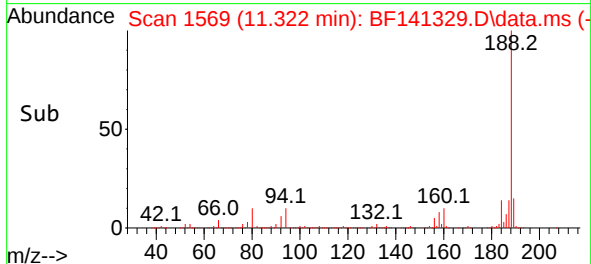
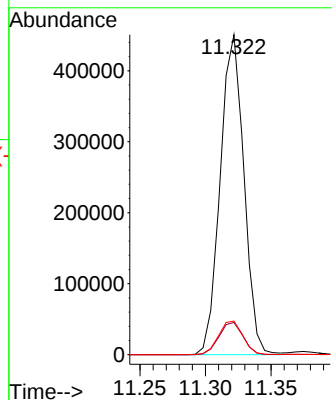
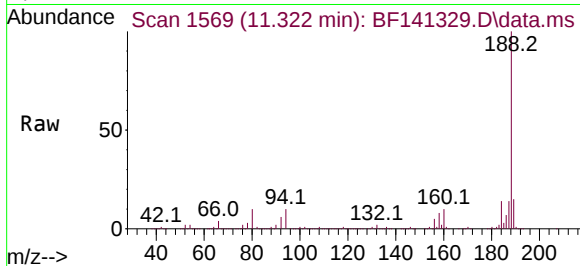




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

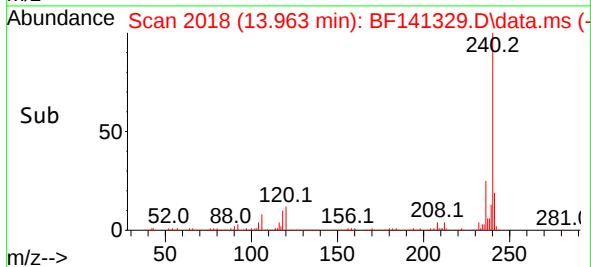
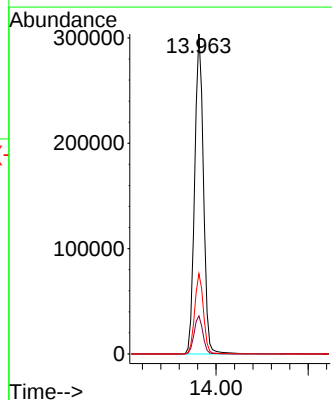
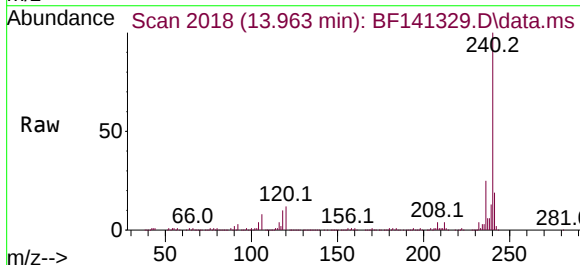
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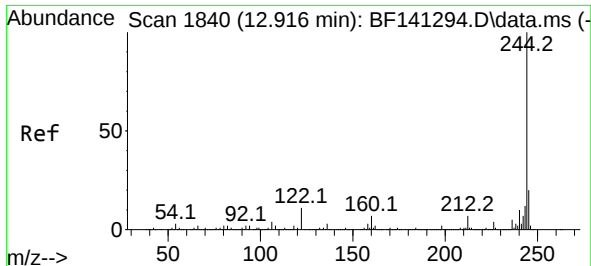
Tgt Ion:188 Resp: 566632
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

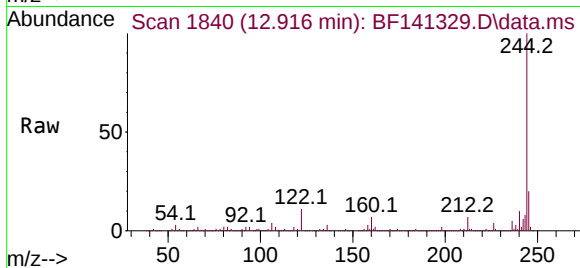
Tgt Ion:240 Resp: 400669
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 25.1 19.7 29.5



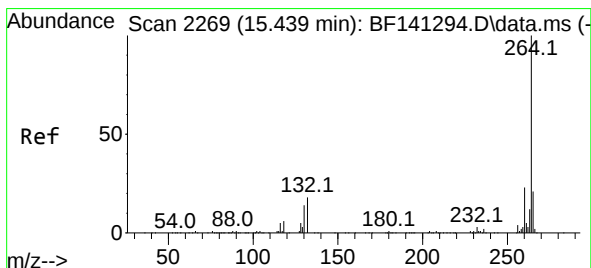
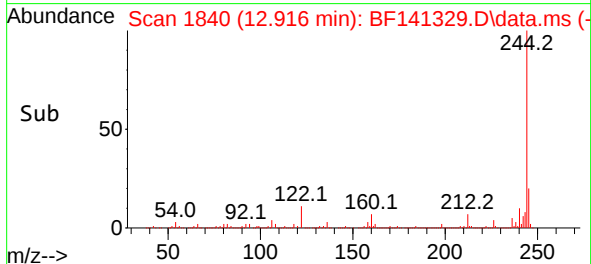
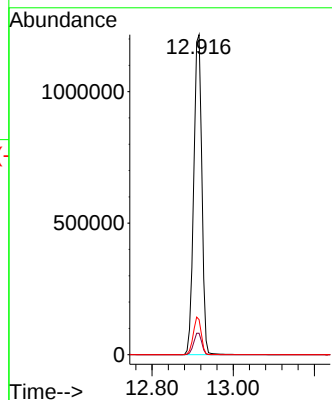


#79
 Terphenyl-d14
 Concen: 64.921 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

Instrument :
 BNA_F
 ClientSampleId :
 TAPIAL2-MW03-012825-00-T3



Tgt Ion:244 Resp: 1686692
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141329.D
 Acq: 31 Jan 2025 13:53

Tgt Ion:264 Resp: 319761
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.0 16.7 25.1

