

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141328.D
 Acq On : 31 Jan 2025 13:27
 Operator : RC/JU
 Sample : Q1211-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

Quant Time: Jan 31 13:51:47 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	154665	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	631249	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	343257	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	611013	20.000	ng	0.00
76) Chrysene-d12	13.963	240	457684	20.000	ng	-0.01
86) Perylene-d12	15.427	264	357260	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	578725	57.444	ng	0.00
7) Phenol-d6	6.416	99	458268	35.757	ng	-0.02
23) Nitrobenzene-d5	7.363	82	1023120	85.442	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	423425	134.554	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1792215	80.364	ng	0.00
79) Terphenyl-d14	12.916	244	2039647	68.727	ng	0.00

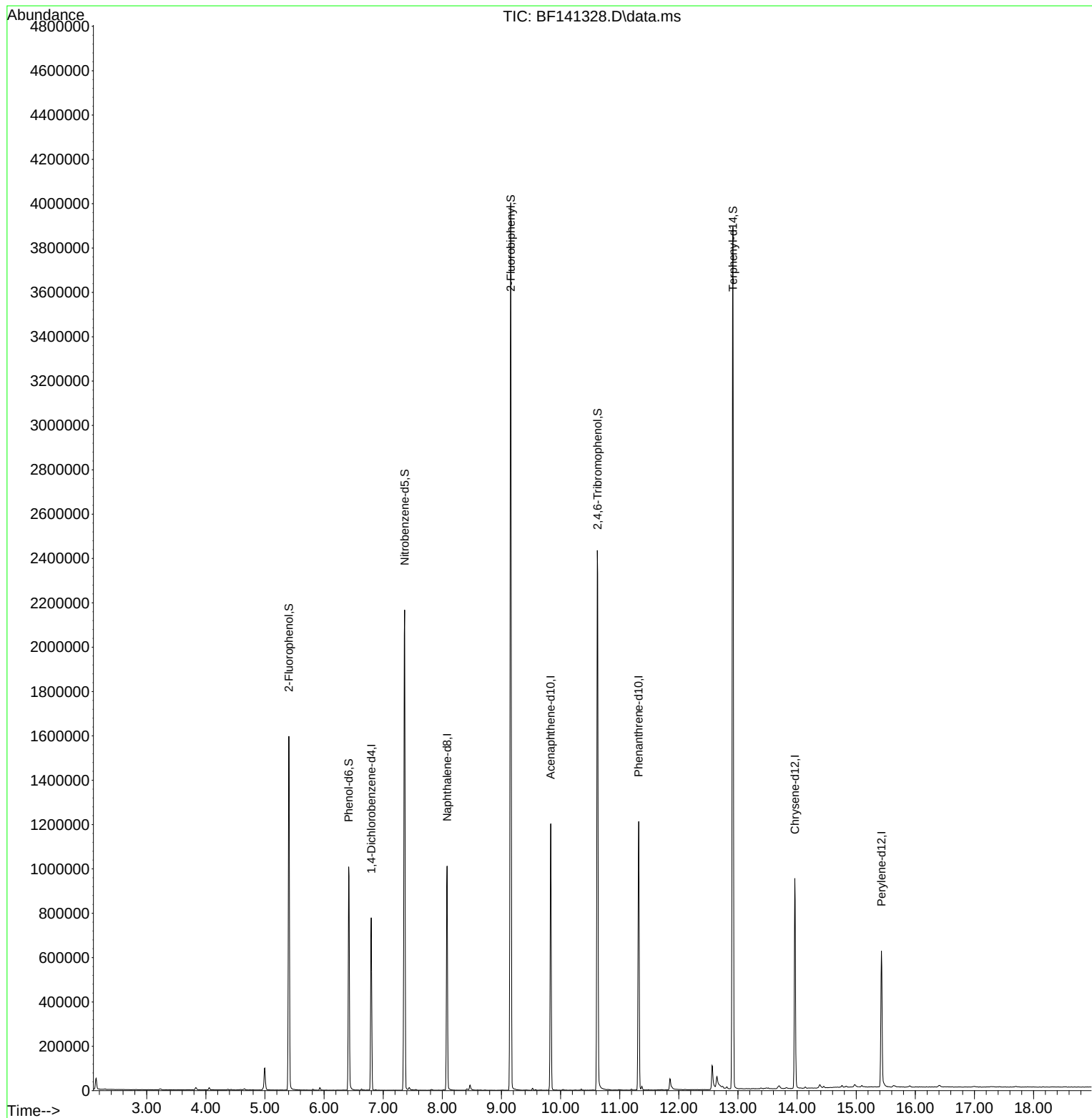
Target Compounds	Qvalue

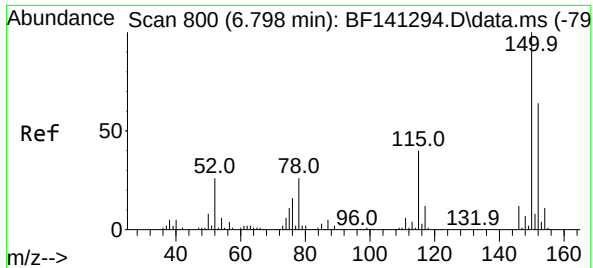
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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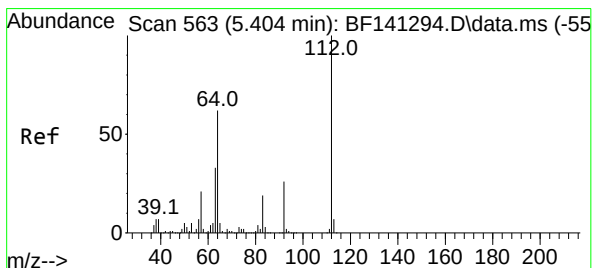
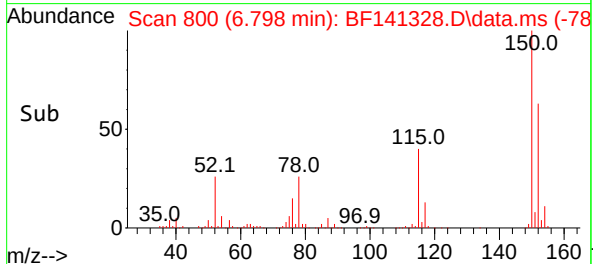
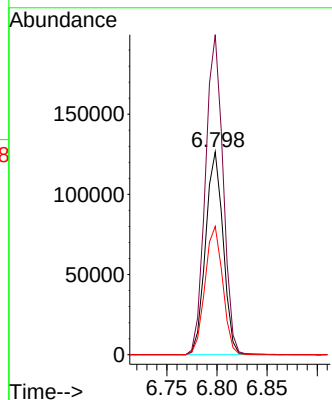
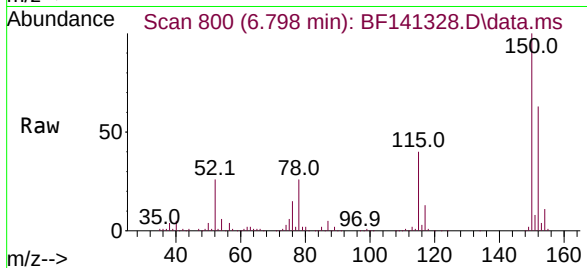




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

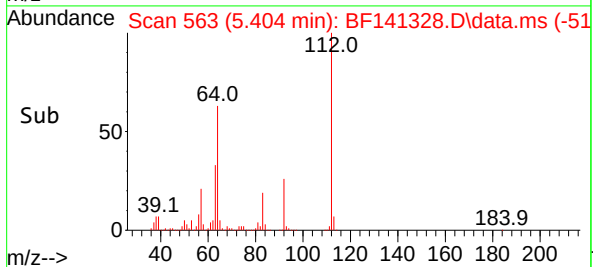
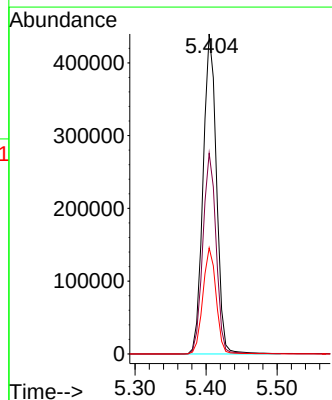
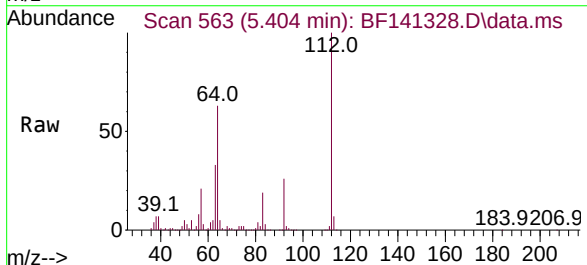
Instrument :
 BNA_F
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

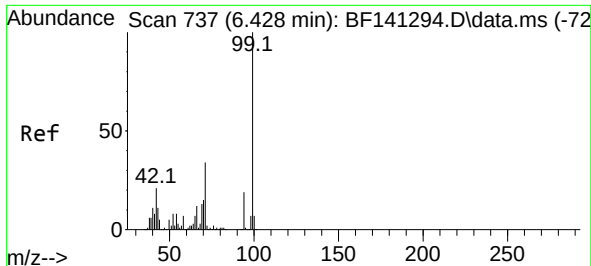
Tgt Ion:152 Resp: 154665
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.9 188.9
 115 63.3 49.7 74.5



#5
 2-Fluorophenol
 Concen: 57.444 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Tgt Ion:112 Resp: 578725
 Ion Ratio Lower Upper
 112 100
 64 62.8 49.8 74.8
 63 33.2 26.1 39.1



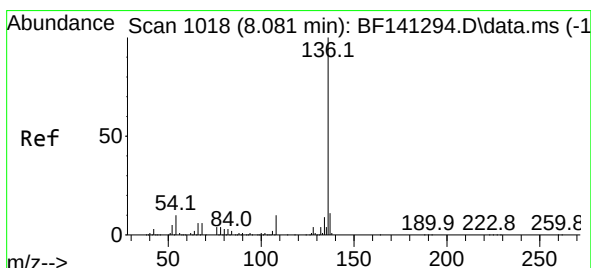
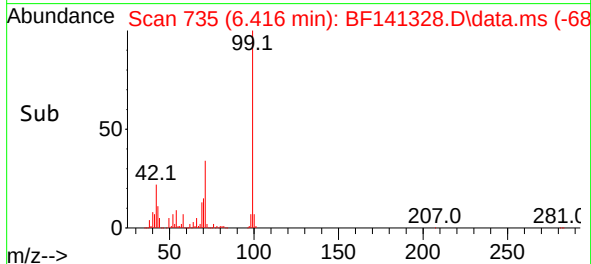
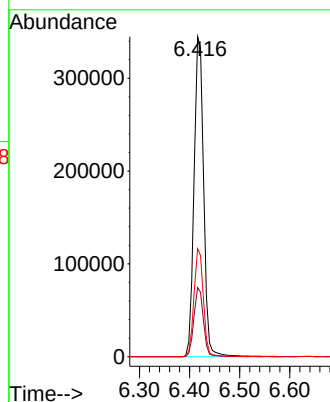
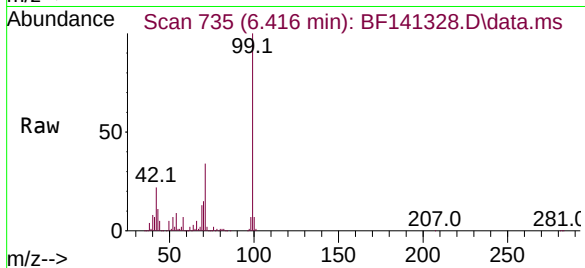


#7
Phenol-d6
Concen: 35.757 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion: 99 Resp: 458268

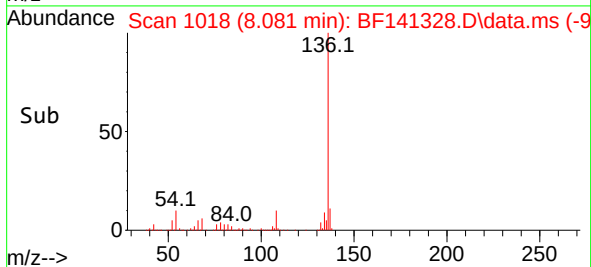
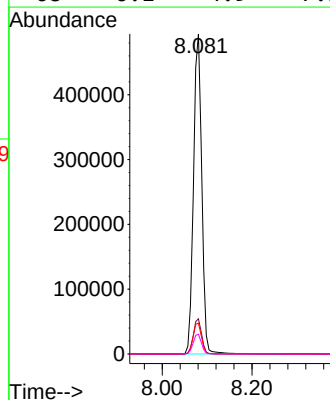
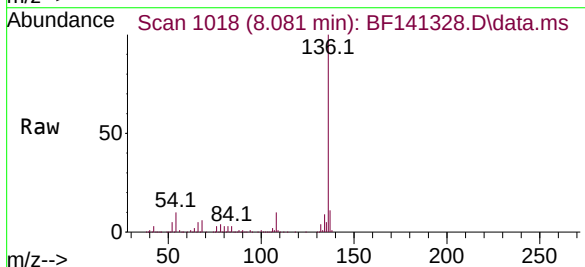
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.1	25.7
71	33.7	26.9	40.3

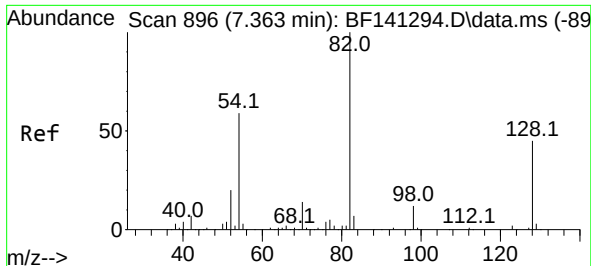


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion: 136 Resp: 631249

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.7	7.8	11.8
68	6.1	4.9	7.3

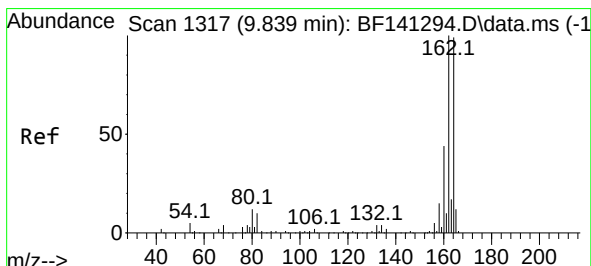
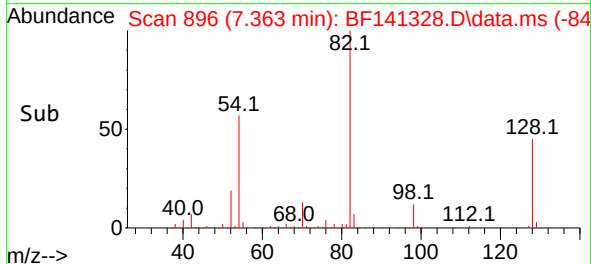
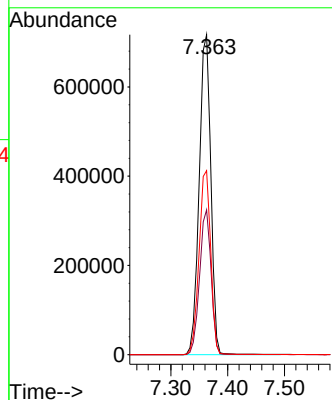
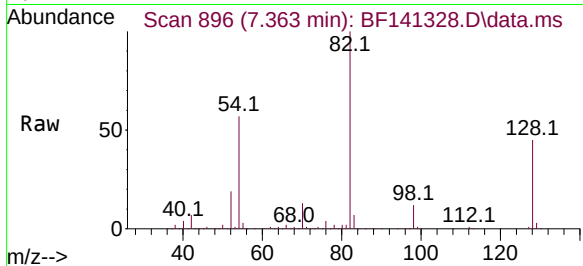




#23
Nitrobenzene-d5
Concen: 85.442 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

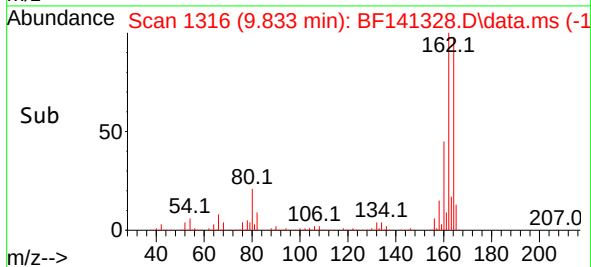
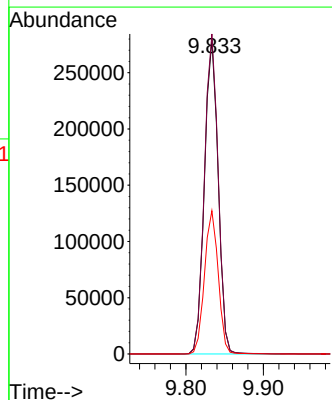
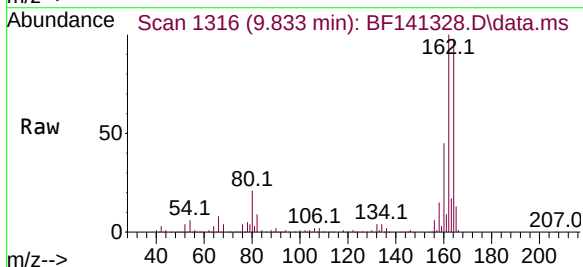
Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

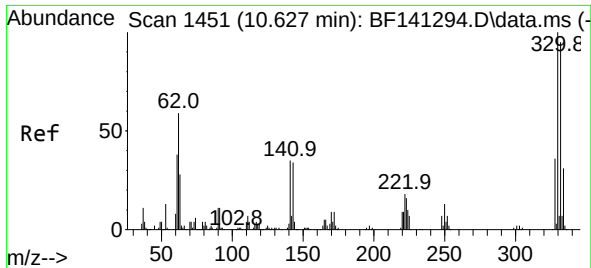
Tgt Ion: 82 Resp: 1023120
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 57.5 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:164 Resp: 343257
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.6 35.8 53.6

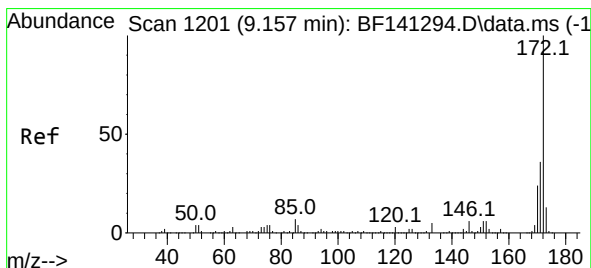
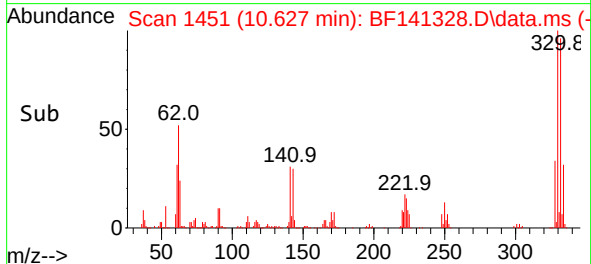
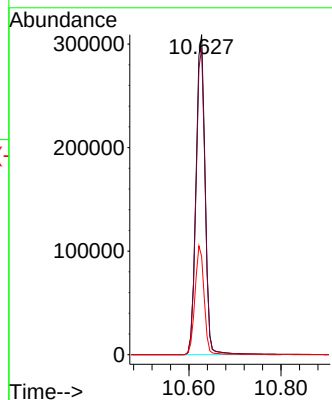
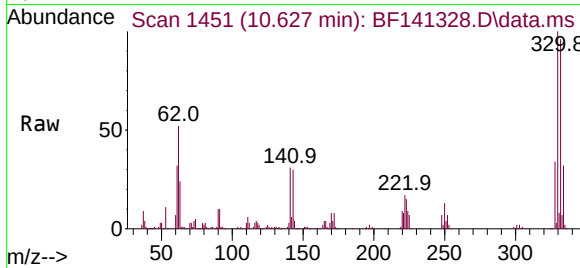




#42
 2,4,6-Tribromophenol
 Concen: 134.554 ng
 RT: 10.627 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

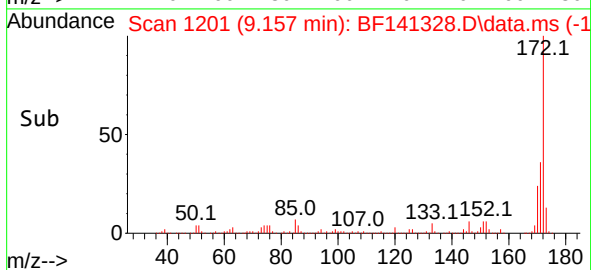
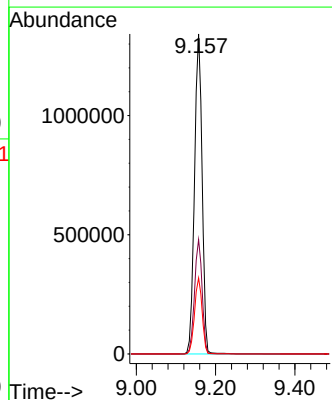
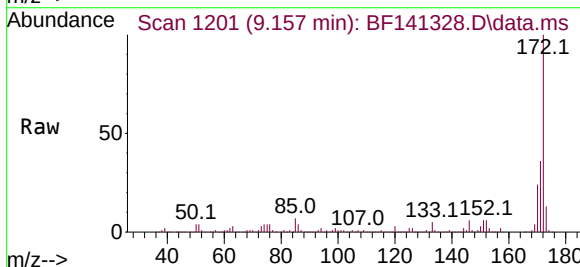
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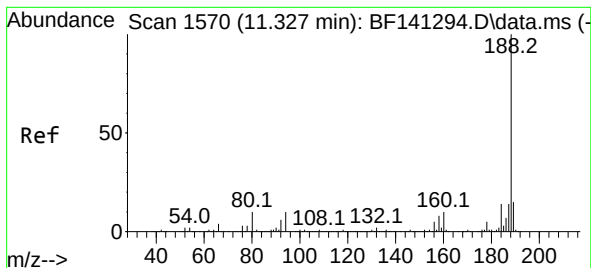
Tgt Ion: 330 Resp: 423425
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.1 114.1
 141 34.2 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 80.364 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Tgt Ion: 172 Resp: 1792215
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141328.D

Acq: 31 Jan 2025 13:27

Instrument :

BNA_F

ClientSampleId :

TAPHHA-MW01-012825-00-T4

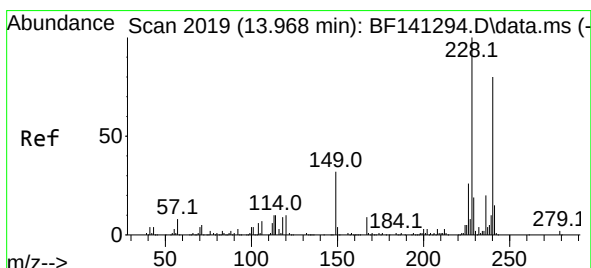
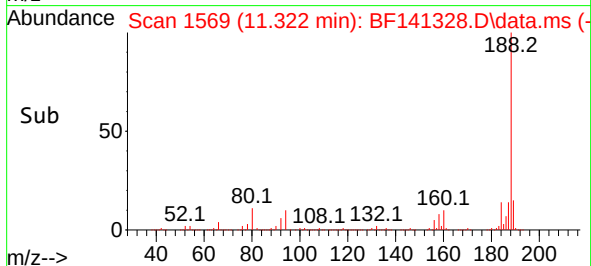
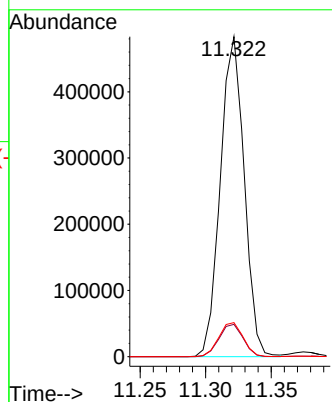
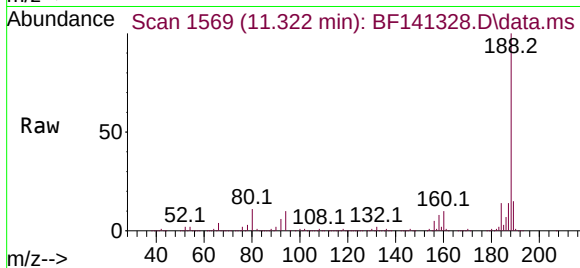
Tgt Ion:188 Resp: 611013

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 10.7 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: BF141328.D

Acq: 31 Jan 2025 13:27

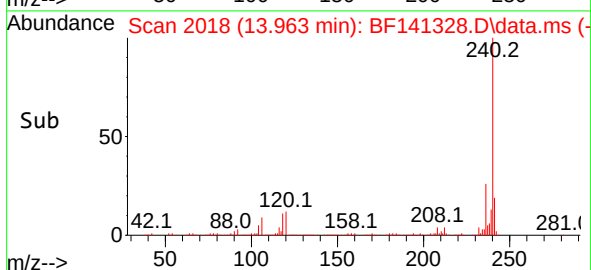
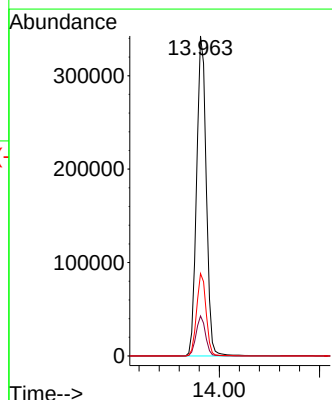
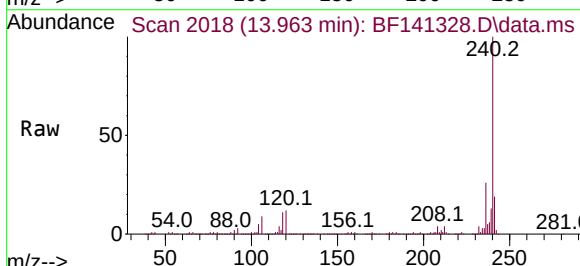
Tgt Ion:240 Resp: 457684

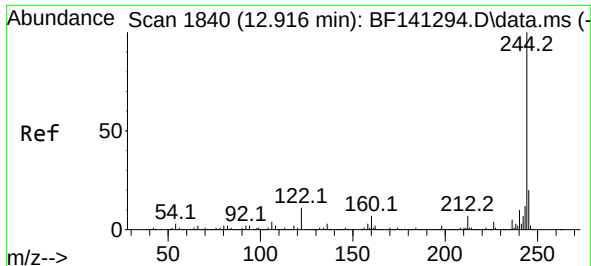
Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

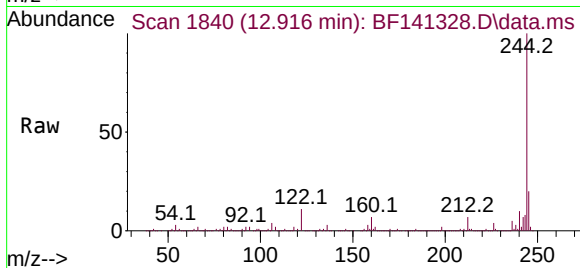
236 25.8 19.7 29.5



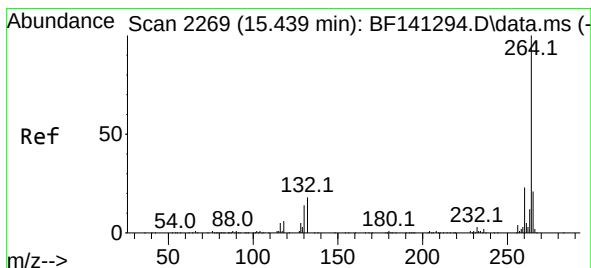
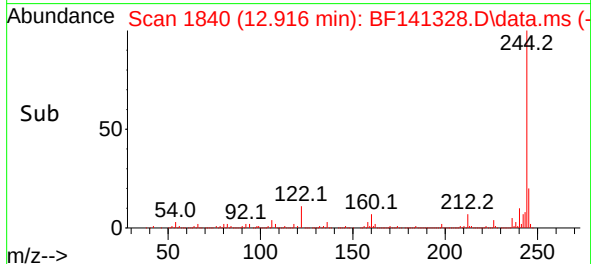
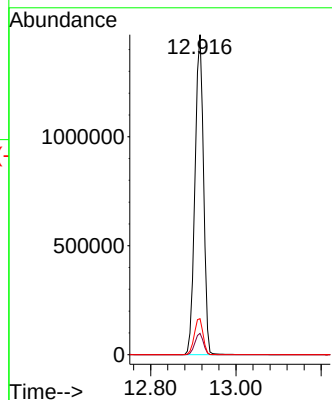


#79
 Terphenyl-d14
 Concen: 68.727 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Instrument :
 BNA_F
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4



Tgt Ion:244 Resp: 2039647
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141328.D
 Acq: 31 Jan 2025 13:27

Tgt Ion:264 Resp: 357260
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.5 16.7 25.1

