

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142617.D
 Acq On : 04 Jun 2025 20:17
 Operator : RC/JU
 Sample : Q2173-13 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-400-CF-402B-COMP-25

Quant Time: Jun 05 01:27:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

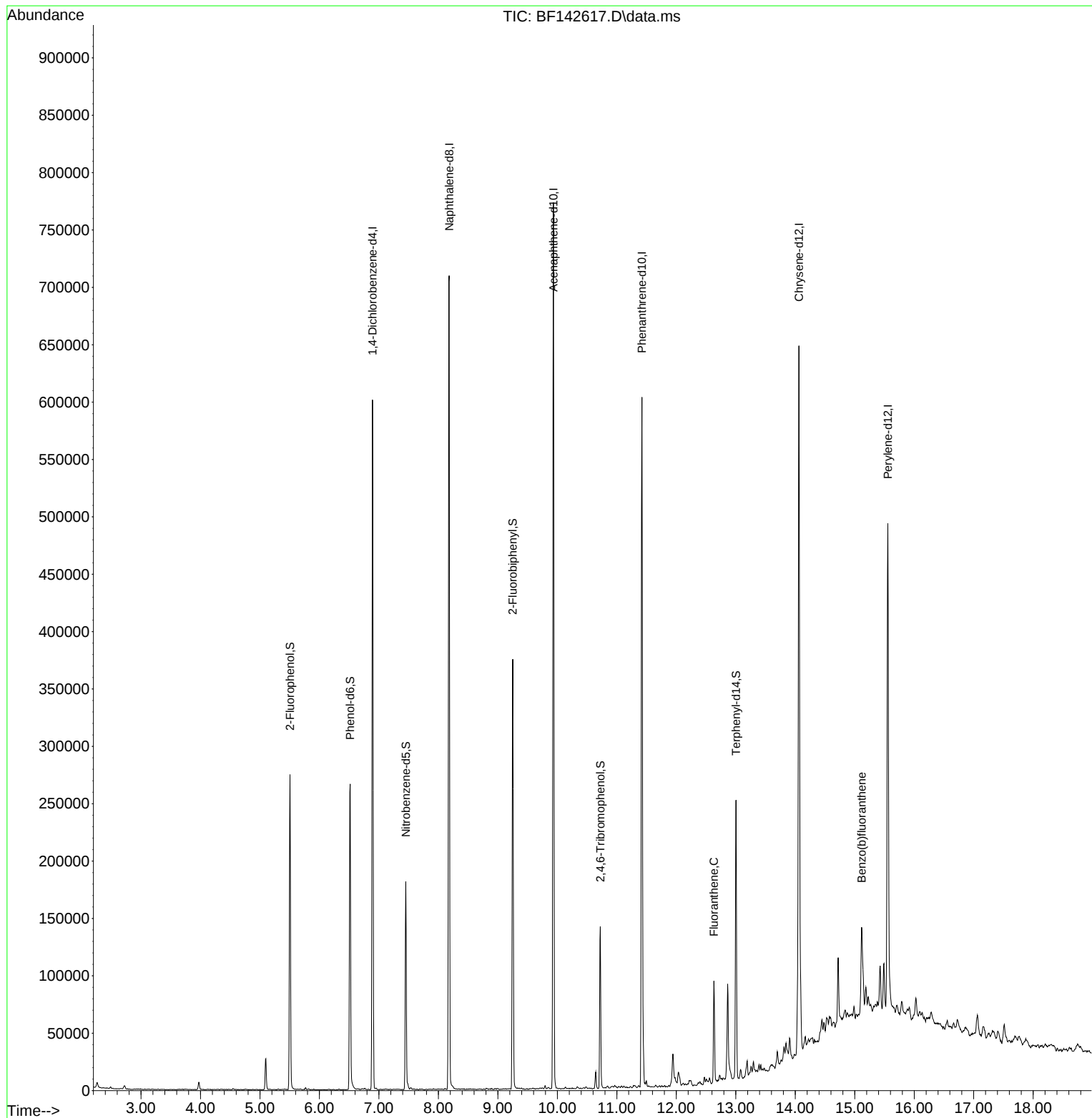
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	133037	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	483587	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	229798	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	311847	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	278838	20.000	ng	-0.01
86) Perylene-d12	15.557	264	256344	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	107681	13.637	ng	-0.01
7) Phenol-d6	6.516	99	128273	13.495	ng	-0.02
23) Nitrobenzene-d5	7.451	82	75900	8.558	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	24843	9.741	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	170332	9.946	ng	-0.02
79) Terphenyl-d14	13.004	244	116190	5.694	ng	-0.01
Target Compounds						
75) Fluoranthene	12.633	202	50669	3.254	ng	98
88) Benzo(b)fluoranthene	15.115	252	46477m	3.063	ng	

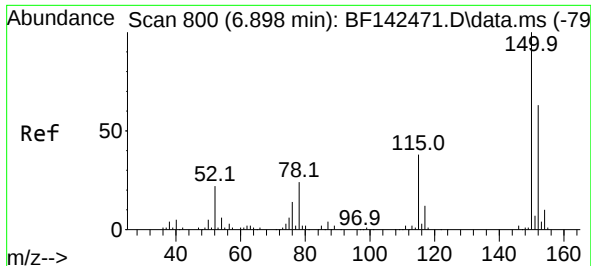
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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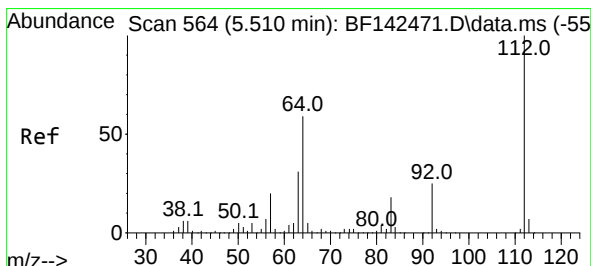
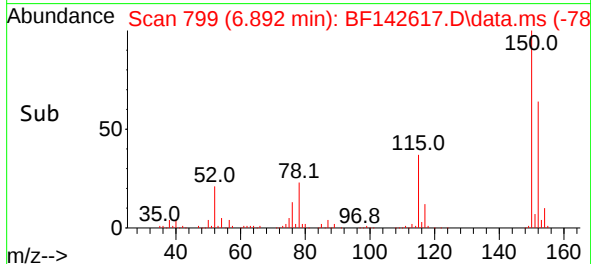
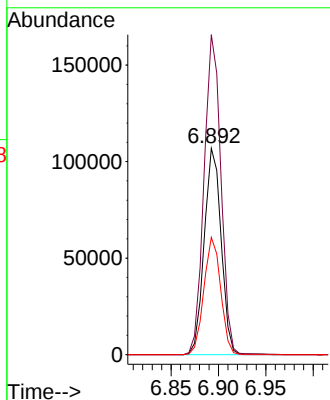
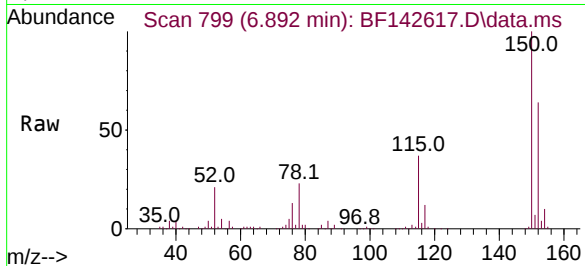




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142617.D
Acq: 04 Jun 2025 20:17

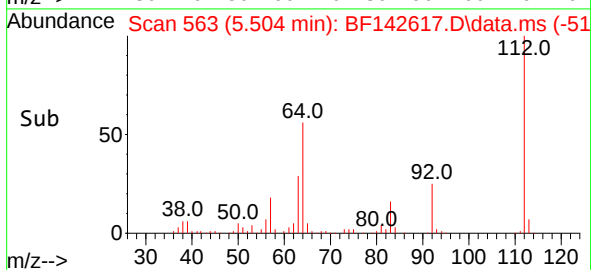
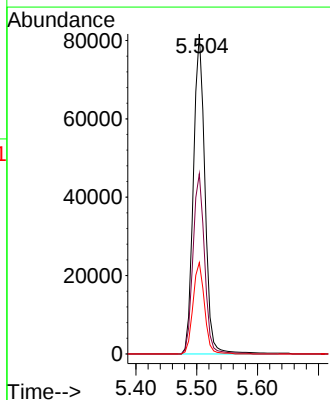
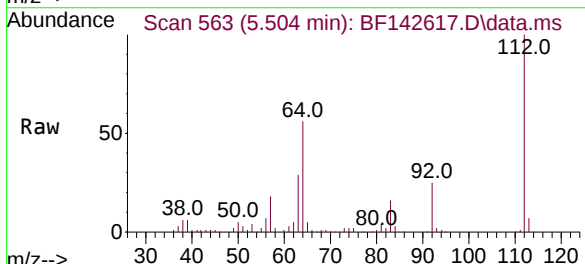
Instrument :
BNA_F
ClientSampleId :
OR-400-CF-402B-COMP-25

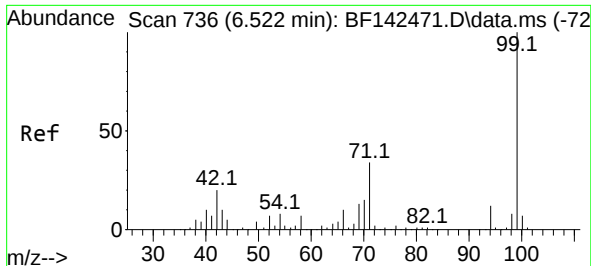
Tgt Ion:152 Resp: 133037
Ion Ratio Lower Upper
152 100
150 155.1 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 13.637 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.012 min
Lab File: BF142617.D
Acq: 04 Jun 2025 20:17

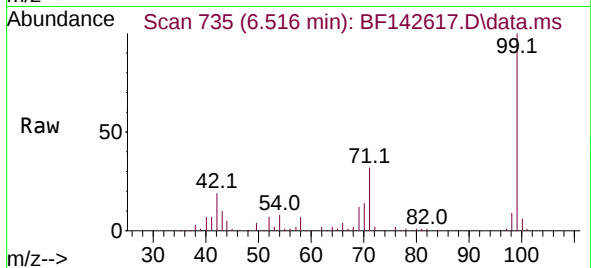
Tgt Ion:112 Resp: 107681
Ion Ratio Lower Upper
112 100
64 56.3 47.5 71.3
63 28.5 24.9 37.3





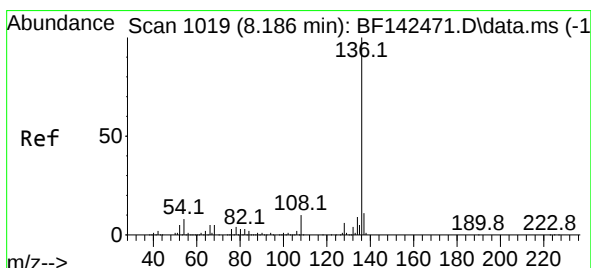
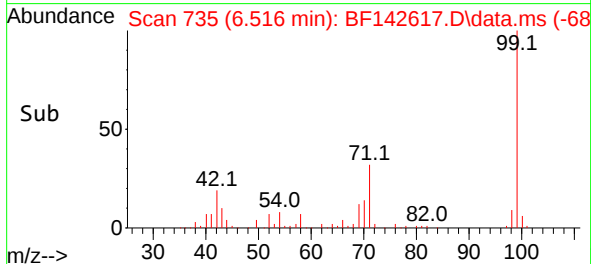
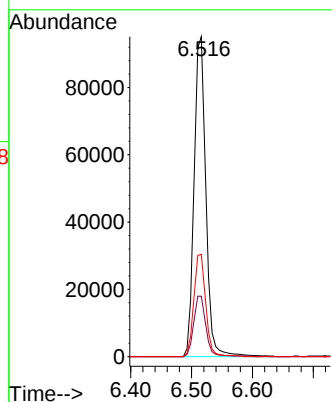
#7
Phenol-d6
Concen: 13.495 ng
RT: 6.516 min Scan# 736
Delta R.T. -0.018 min
Lab File: BF142617.D
Acq: 04 Jun 2025 20:17

Instrument :
BNA_F
ClientSampleId :
OR-400-CF-402B-COMP-25



Tgt Ion: 99 Resp: 128273

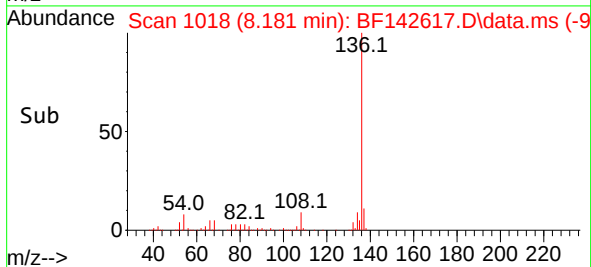
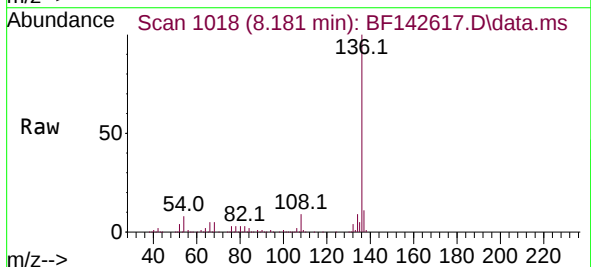
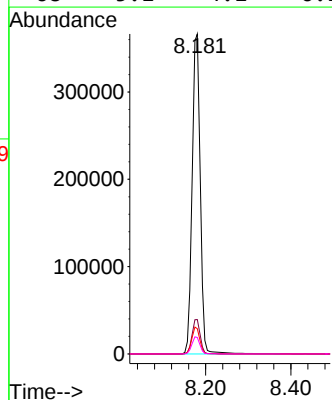
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.2	24.2
71	32.0	27.3	40.9

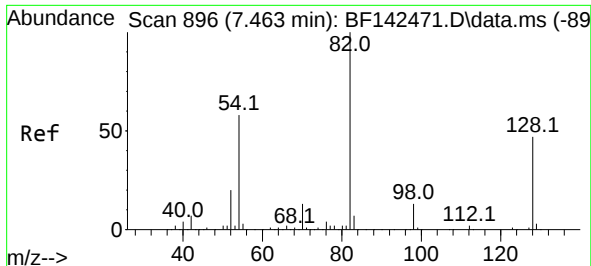


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142617.D
Acq: 04 Jun 2025 20:17

Tgt Ion: 136 Resp: 483587

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.9	6.6	10.0
68	5.1	4.1	6.1





#23

Nitrobenzene-d5

Concen: 8.558 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142617.D

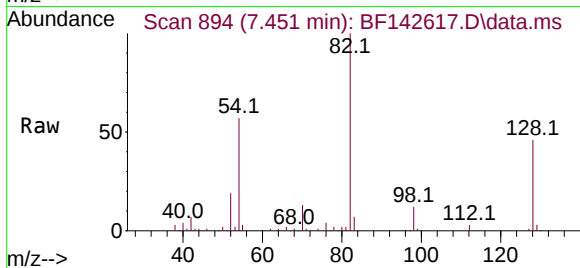
Acq: 04 Jun 2025 20:17

Instrument :

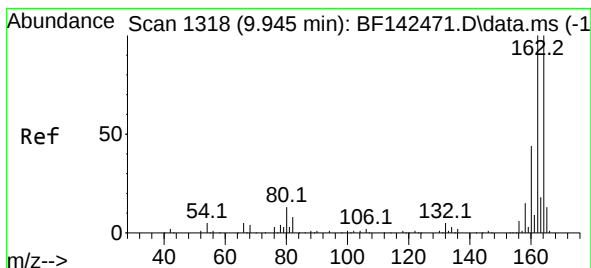
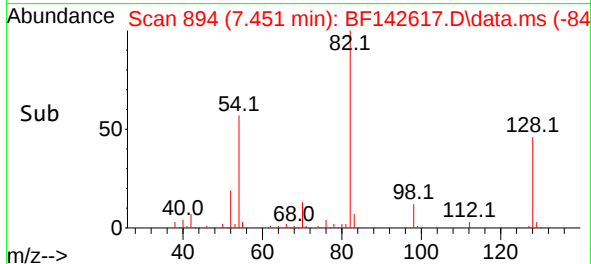
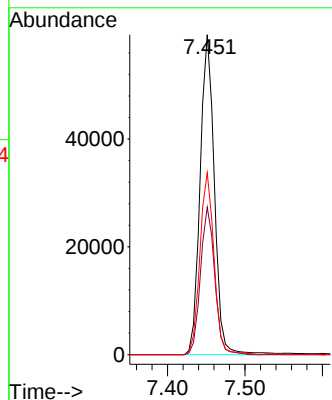
BNA_F

ClientSampleId :

OR-400-CF-402B-COMP-25



Tgt Ion:	82	Resp:	75900
Ion Ratio	Lower	Upper	
82	100		
128	46.1	37.4	56.2
54	56.8	46.6	70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

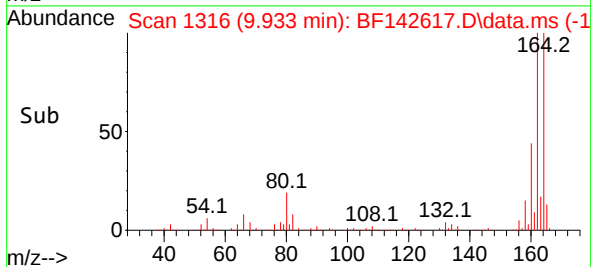
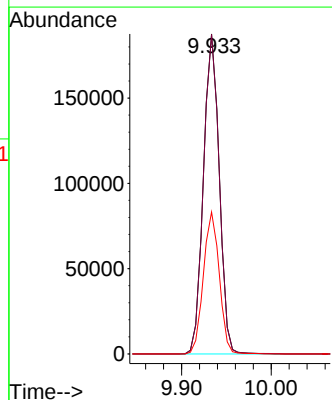
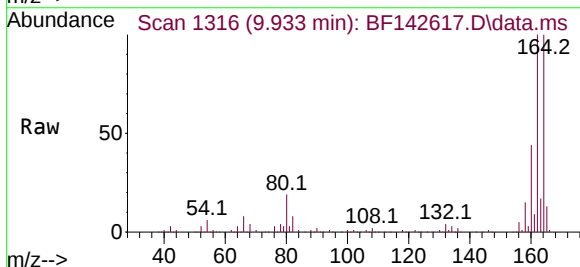
RT: 9.933 min Scan# 1316

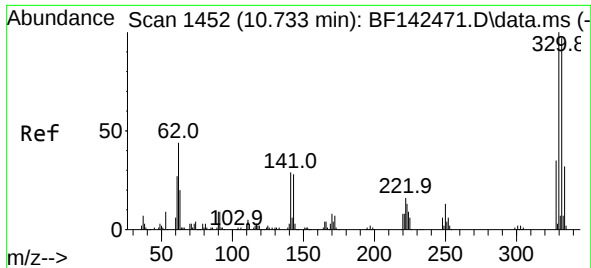
Delta R.T. -0.012 min

Lab File: BF142617.D

Acq: 04 Jun 2025 20:17

Tgt Ion:	164	Resp:	229798
Ion Ratio	Lower	Upper	
164	100		
162	99.8	80.2	120.4
160	44.3	35.6	53.4

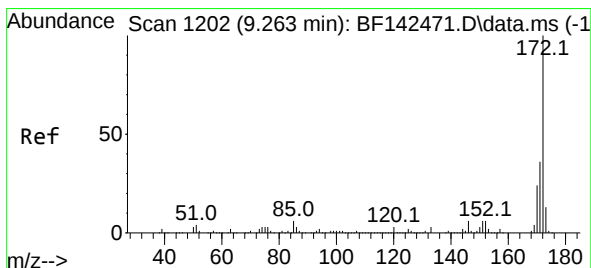
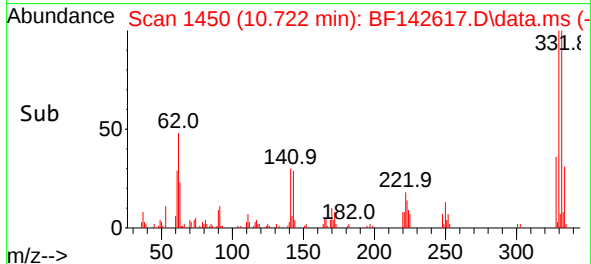
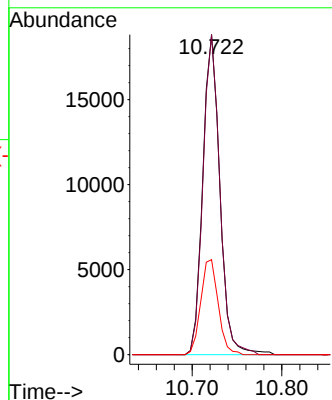
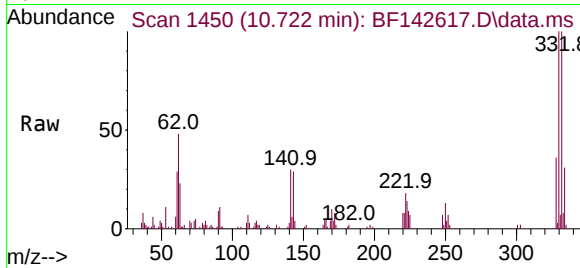




#42
 2,4,6-Tribromophenol
 Concen: 9.741 ng
 RT: 10.722 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF142617.D
 Acq: 04 Jun 2025 20:17

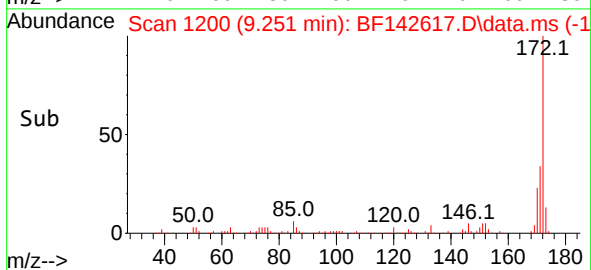
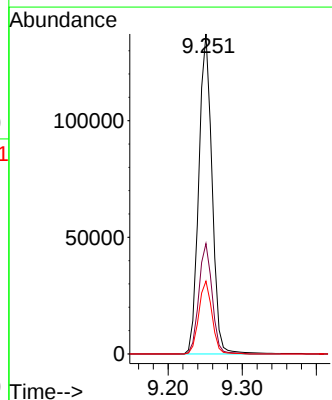
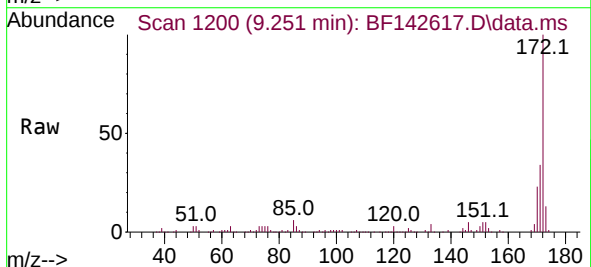
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 BNA_F
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 OR-400-CF-402B-COMP-25

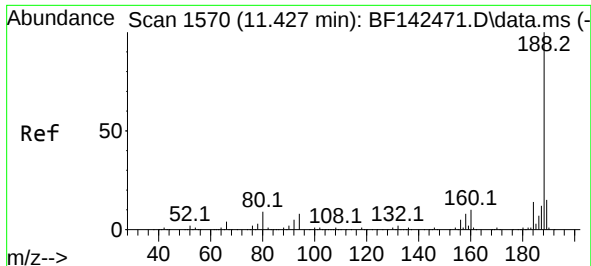
Tgt Ion:	330	Resp:	24843
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.6	116.4
141	30.3	24.6	36.8



#45
 2-Fluorobiphenyl
 Concen: 9.946 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142617.D
 Acq: 04 Jun 2025 20:17

Tgt Ion:	172	Resp:	170332
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	42.8
170	22.7	18.9	28.3

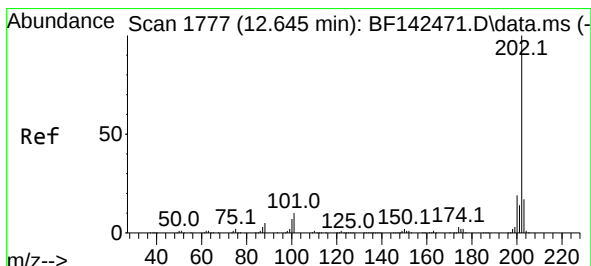
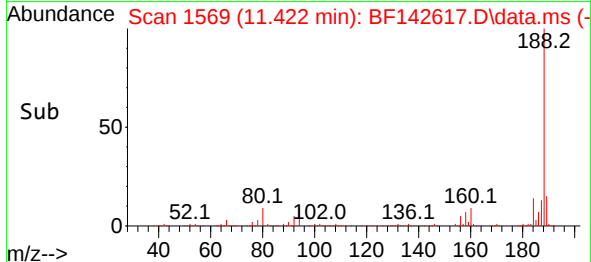
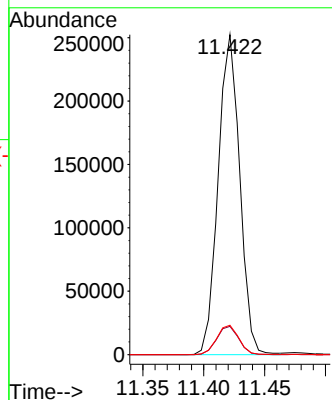
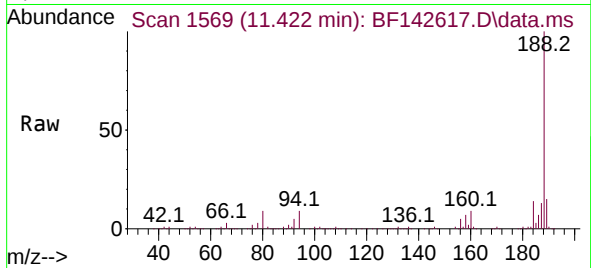




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142617.D
Acq: 04 Jun 2025 20:17

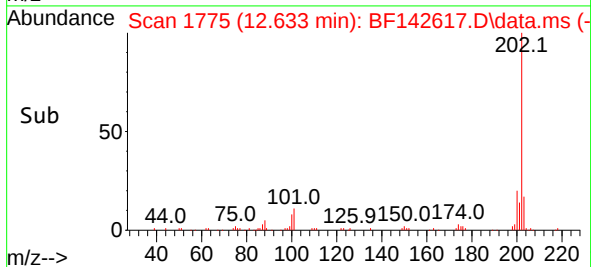
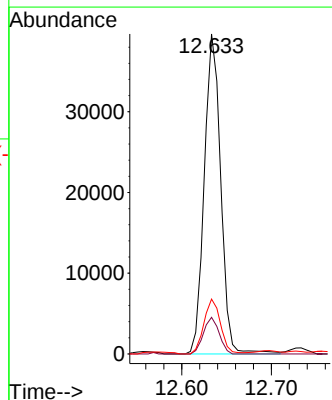
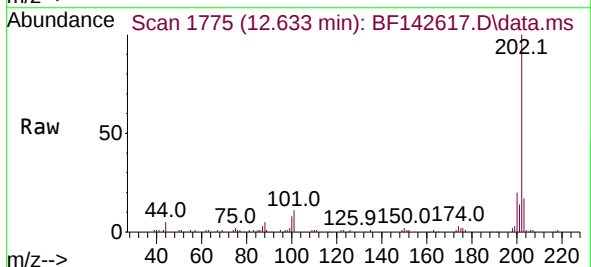
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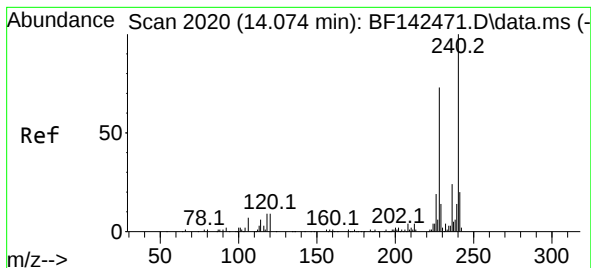
Tgt Ion:188 Resp: 311847
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.2 7.4 11.0



#75
Fluoranthene
Concen: 3.254 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF142617.D
Acq: 04 Jun 2025 20:17

Tgt Ion:202 Resp: 50669
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.6
203 17.1 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142617.D

Acq: 04 Jun 2025 20:17

Instrument :

BNA_F

ClientSampleId :

OR-400-CF-402B-COMP-25

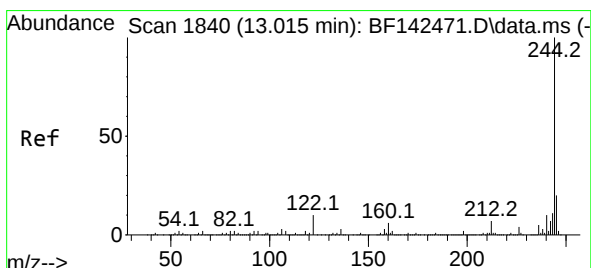
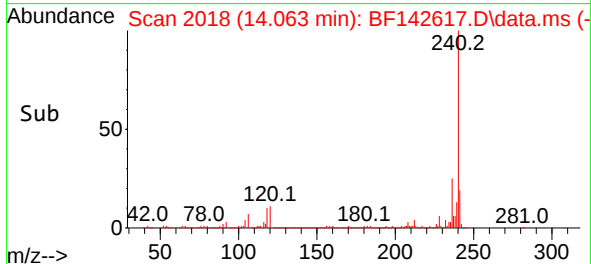
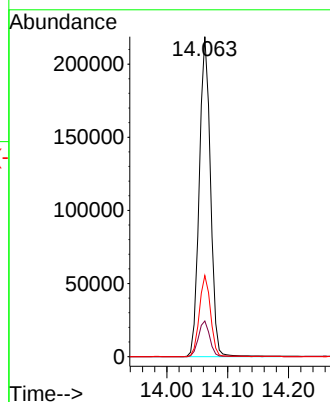
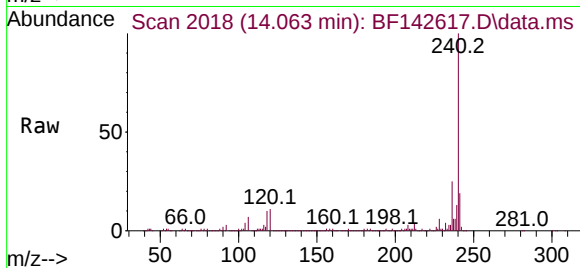
Tgt Ion:240 Resp: 278838

Ion Ratio Lower Upper

240 100

120 11.1 7.5 11.3

236 25.3 19.6 29.4



#79

Terphenyl-d14

Concen: 5.694 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF142617.D

Acq: 04 Jun 2025 20:17

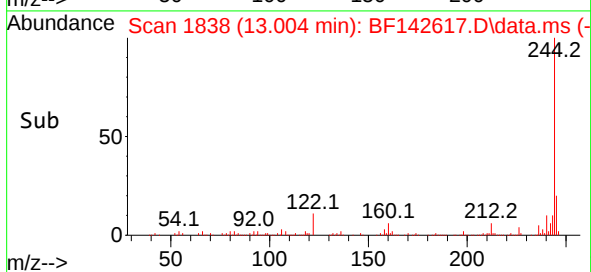
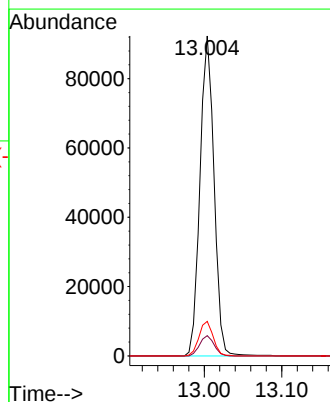
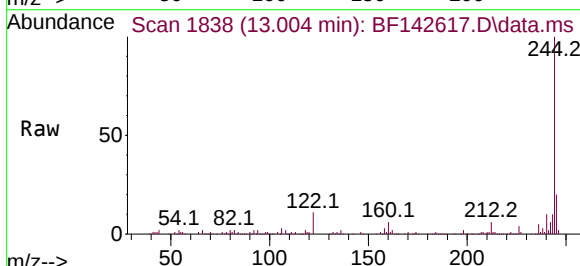
Tgt Ion:244 Resp: 116190

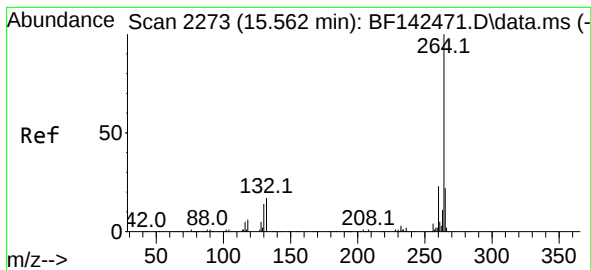
Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 10.8 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142617.D

Acq: 04 Jun 2025 20:17

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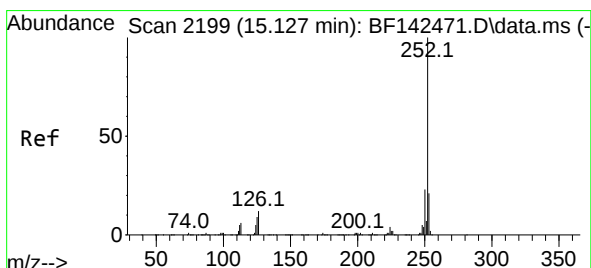
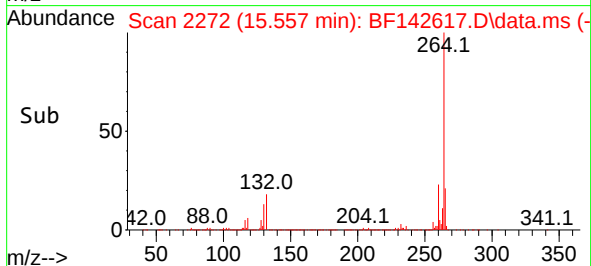
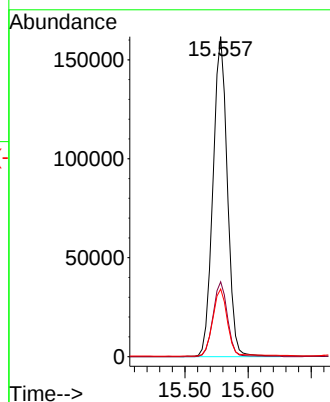
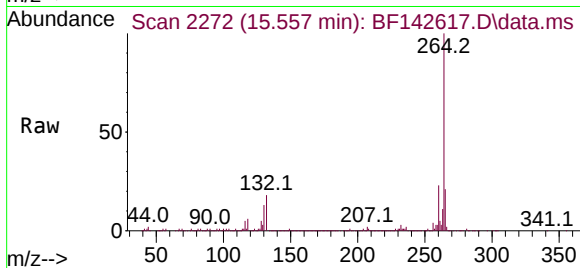
Tgt Ion:264 Resp: 256344

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.1 17.7 26.5



#88

Benzo(b)fluoranthene

Concen: 3.063 ng m

RT: 15.115 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF142617.D

Acq: 04 Jun 2025 20:17

Tgt Ion:252 Resp: 46477

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

125 11.9 7.4 11.0#

