

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142385.D
Acq On : 15 May 2025 10:37
Operator : RC/JU
Sample : PB167951BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167951BL

Quant Time: May 15 11:06:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	182996	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	716318	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	391073	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	726822	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	497782	20.000	ng	0.00
86) Perylene-d12	15.551	264	375900	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1351432	126.068	ng	0.02
7) Phenol-d6	6.522	99	1625642	123.299	ng	0.00
23) Nitrobenzene-d5	7.463	82	1009960	85.988	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	584610	154.833	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2044339	74.538	ng	0.00
79) Terphenyl-d14	13.016	244	2449976	72.848	ng	0.00

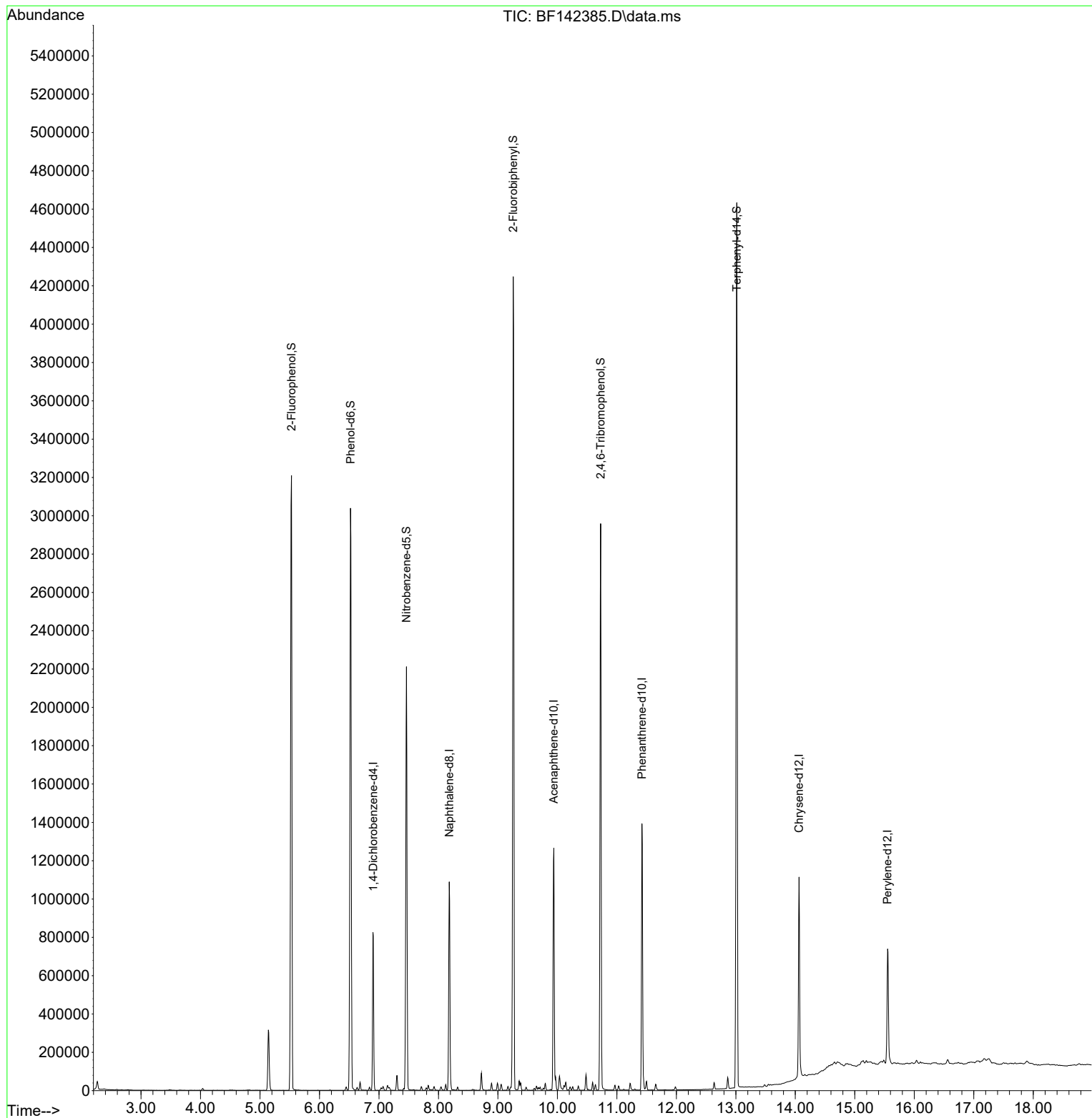
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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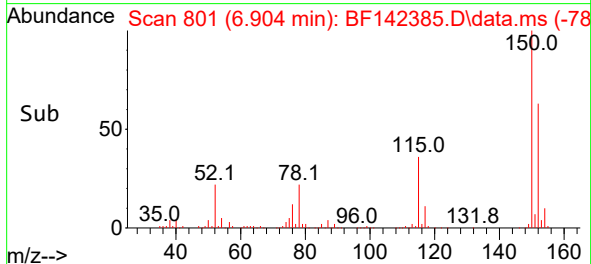
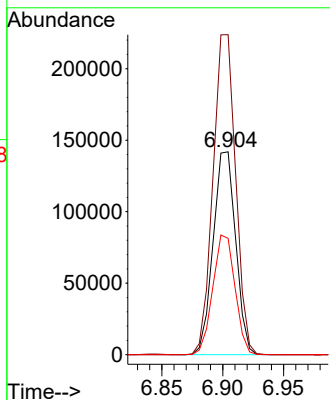
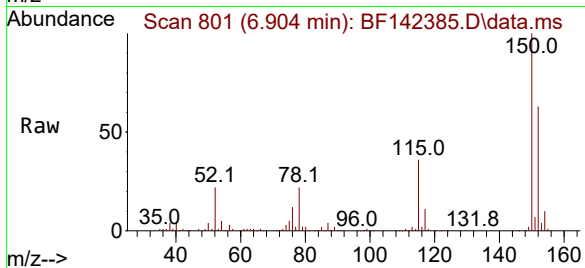




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

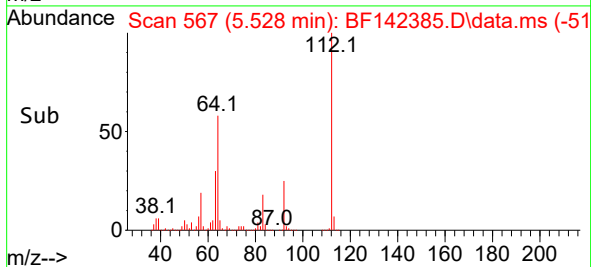
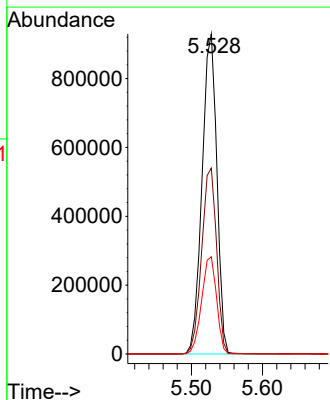
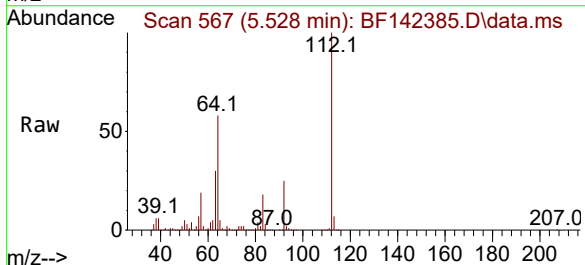
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

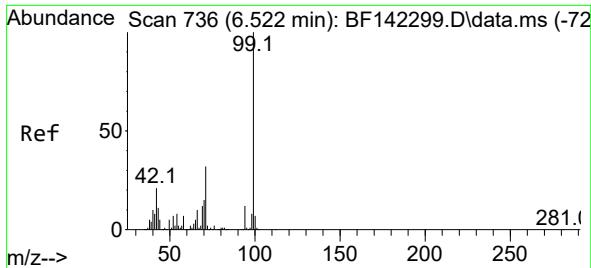
Tgt Ion:152 Resp: 182996
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 190.0
 115 57.3 47.3 70.9



#5
 2-Fluorophenol
 Concen: 126.068 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

Tgt Ion:112 Resp: 1351432
 Ion Ratio Lower Upper
 112 100
 64 58.1 48.9 73.3
 63 30.4 25.6 38.4

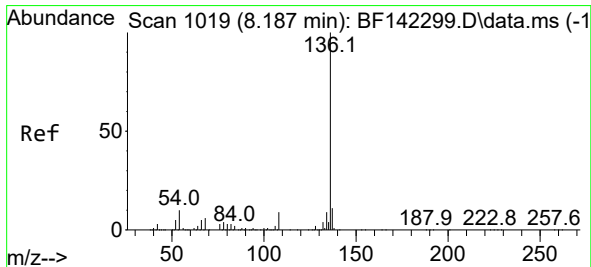
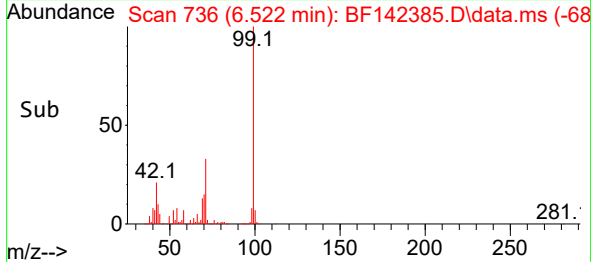
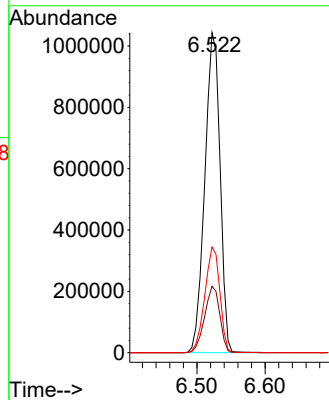
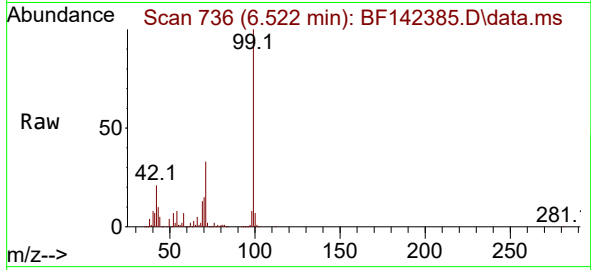




#7
Phenol-d6
Concen: 123.299 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

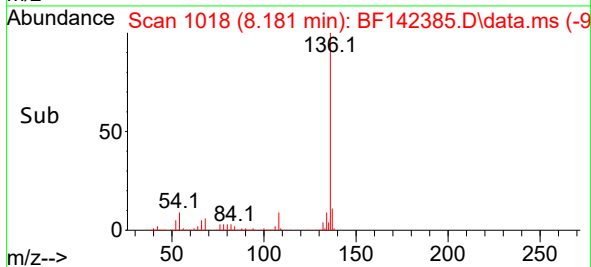
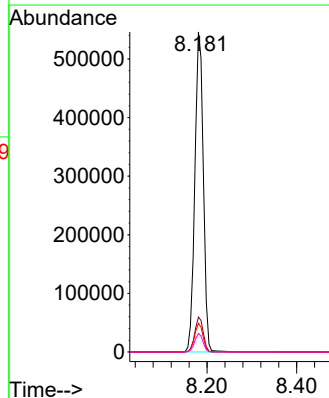
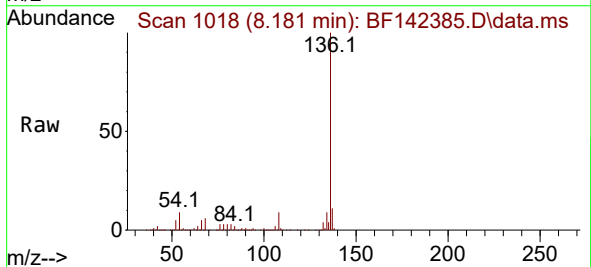
Instrument :
BNA_F
ClientSampleId :
PB167951BL

Tgt Ion: 99 Resp: 1625642
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 33.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion: 136 Resp: 716318
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.0 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.988 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142385.D

Acq: 15 May 2025 10:37

Instrument :

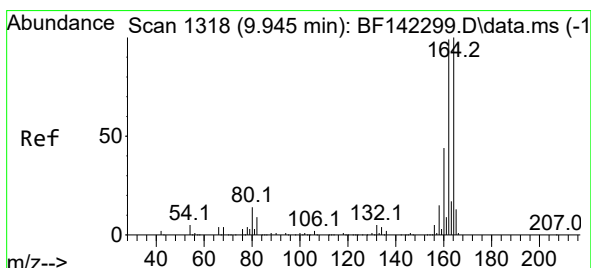
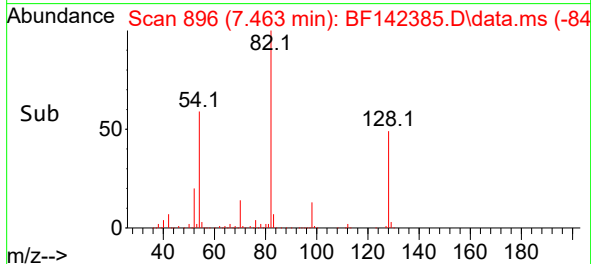
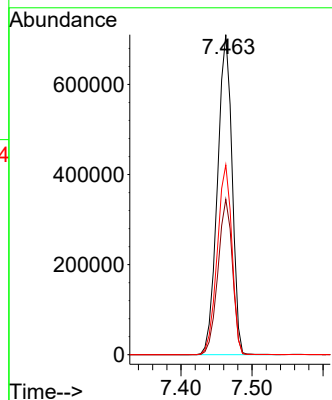
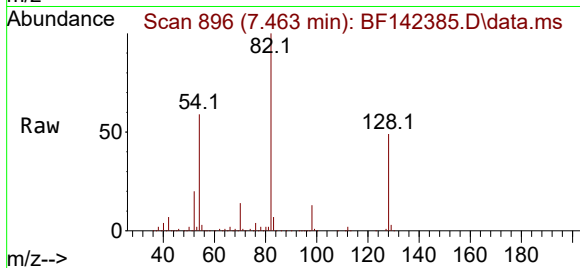
BNA_F

ClientSampleId :

PB167951BL

Tgt Ion: 82 Resp: 1009960

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.6
54	59.3	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

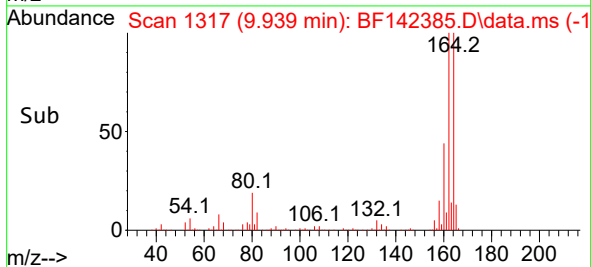
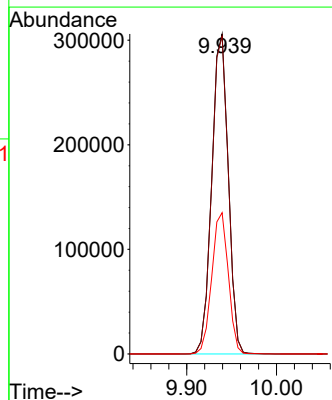
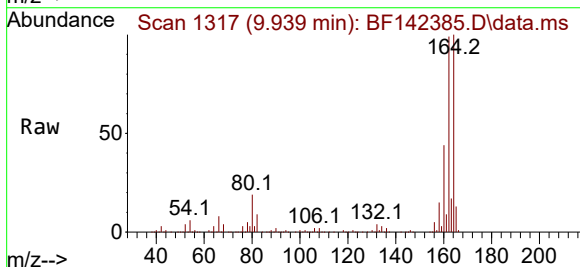
Delta R.T. -0.006 min

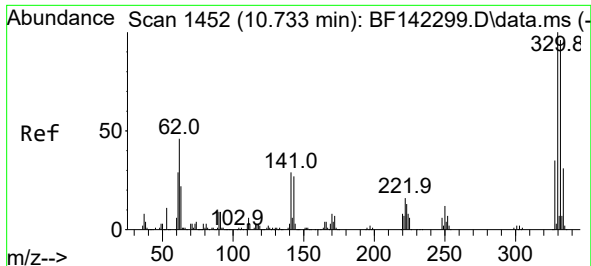
Lab File: BF142385.D

Acq: 15 May 2025 10:37

Tgt Ion:164 Resp: 391073

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.2	118.8
160	44.1	35.3	52.9

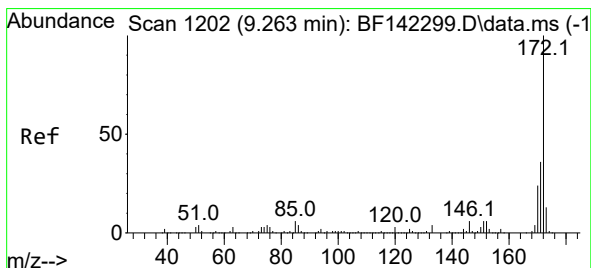
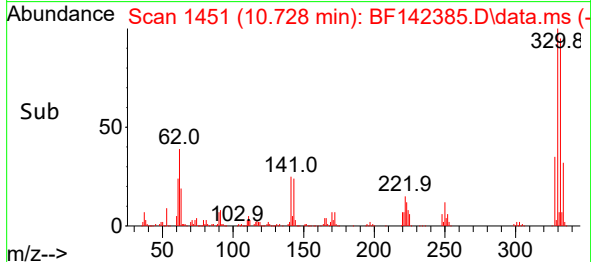
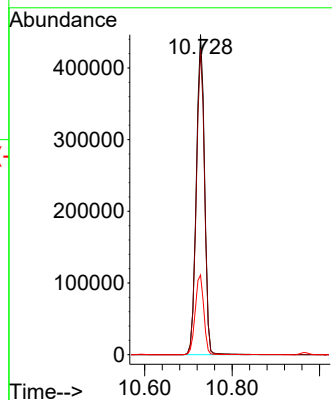
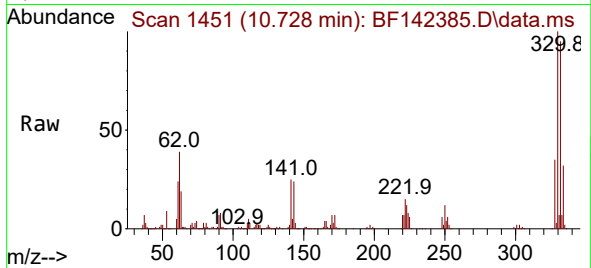




#42
2,4,6-Tribromophenol
Concen: 154.833 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

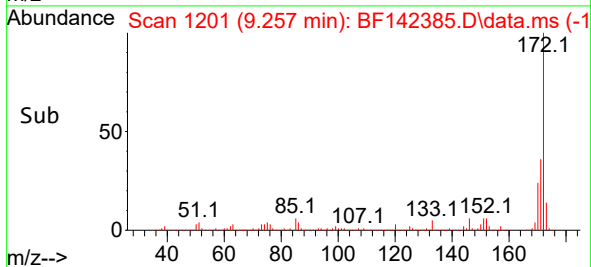
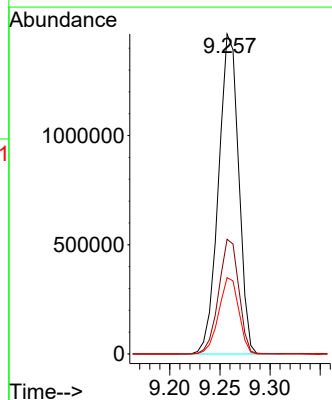
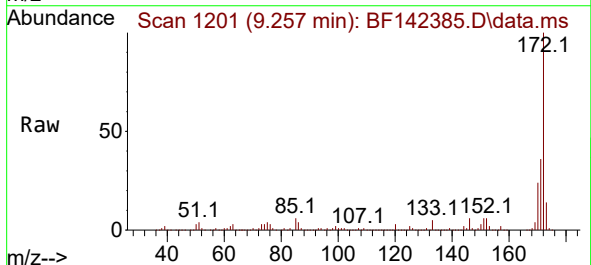
Instrument :
BNA_F
ClientSampleId :
PB167951BL

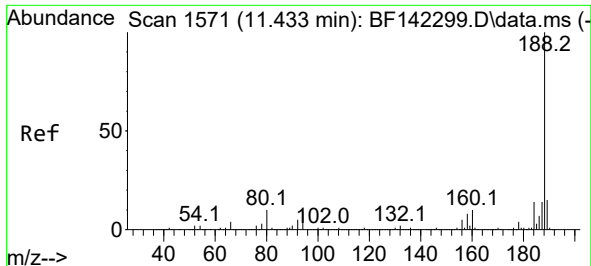
Tgt Ion:330 Resp: 584610
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 26.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 74.538 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

Tgt Ion:172 Resp: 2044339
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.9 19.0 28.4

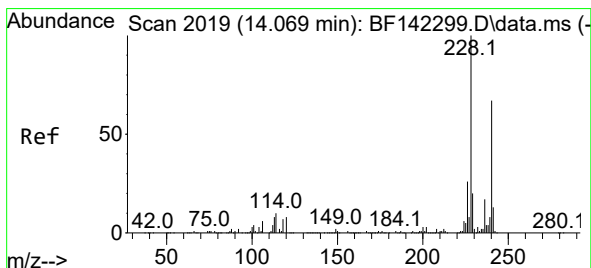
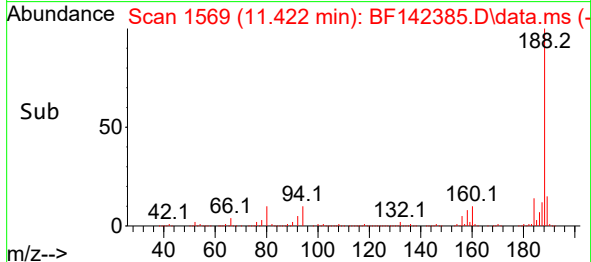
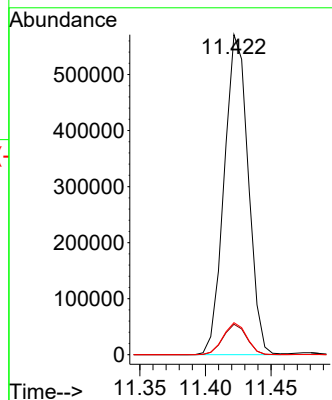
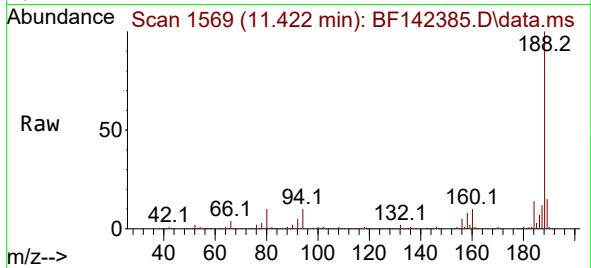




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

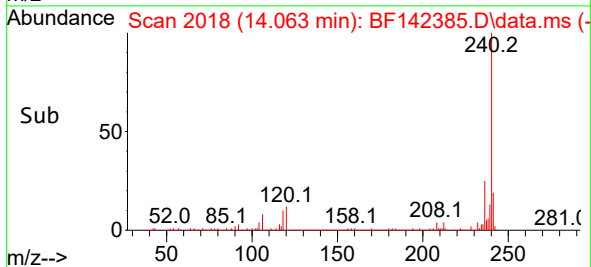
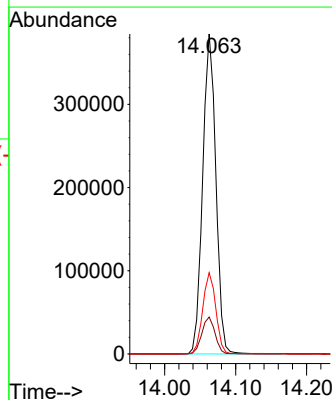
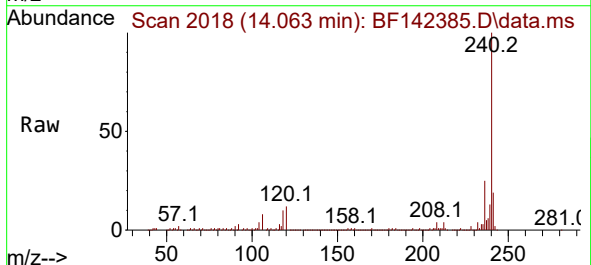
Instrument :
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ClientSampleId :
PB167951BL

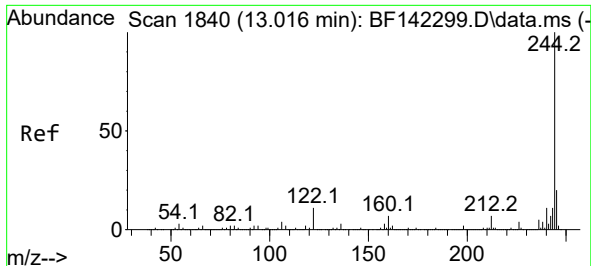
Tgt Ion:188 Resp: 726822
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142385.D
Acq: 15 May 2025 10:37

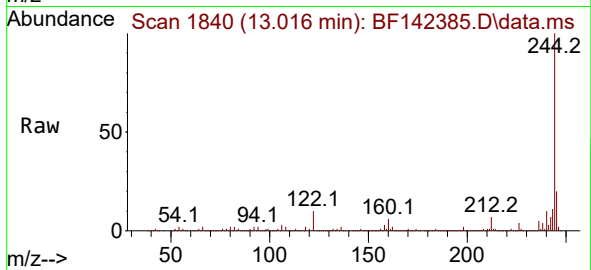
Tgt Ion:240 Resp: 497782
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.4 20.0 30.0



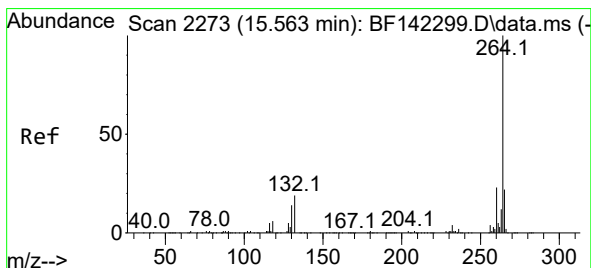
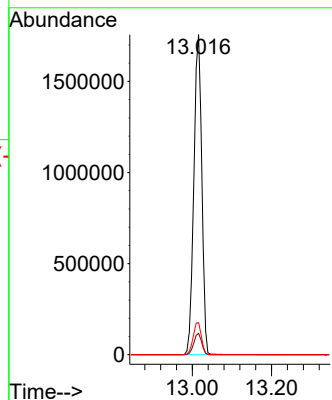
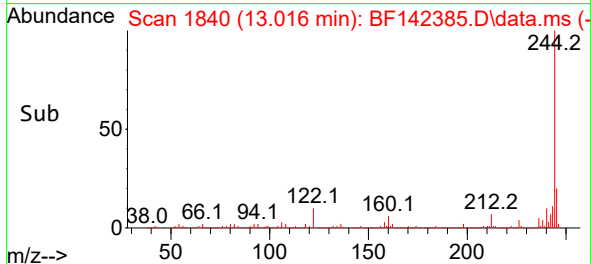


#79
 Terphenyl-d14
 Concen: 72.848 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37

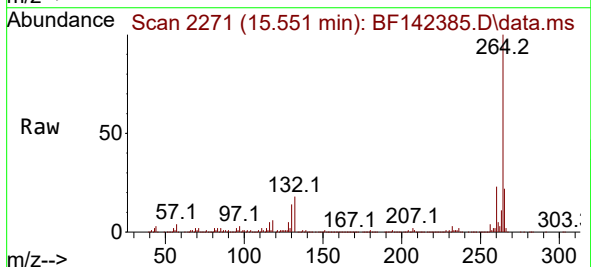
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2449976
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142385.D
 Acq: 15 May 2025 10:37



Tgt Ion:264 Resp: 375900
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 22.4 17.5 26.3

