

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142841.D
 Acq On : 25 Jun 2025 17:02
 Operator : RC/JU
 Sample : Q2393-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -2

Quant Time: Jun 25 17:42:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	79690	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	305909	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	156047	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	222655	20.000	ng	0.00
76) Chrysene-d12	14.051	240	158233	20.000	ng	0.00
86) Perylene-d12	15.545	264	179947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	376919	78.748	ng	0.00
7) Phenol-d6	6.504	99	485476	85.970	ng	0.00
23) Nitrobenzene-d5	7.439	82	264621	47.448	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	118063	73.521	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	507303	42.707	ng	-0.01
79) Terphenyl-d14	12.992	244	373474	32.612	ng	0.00

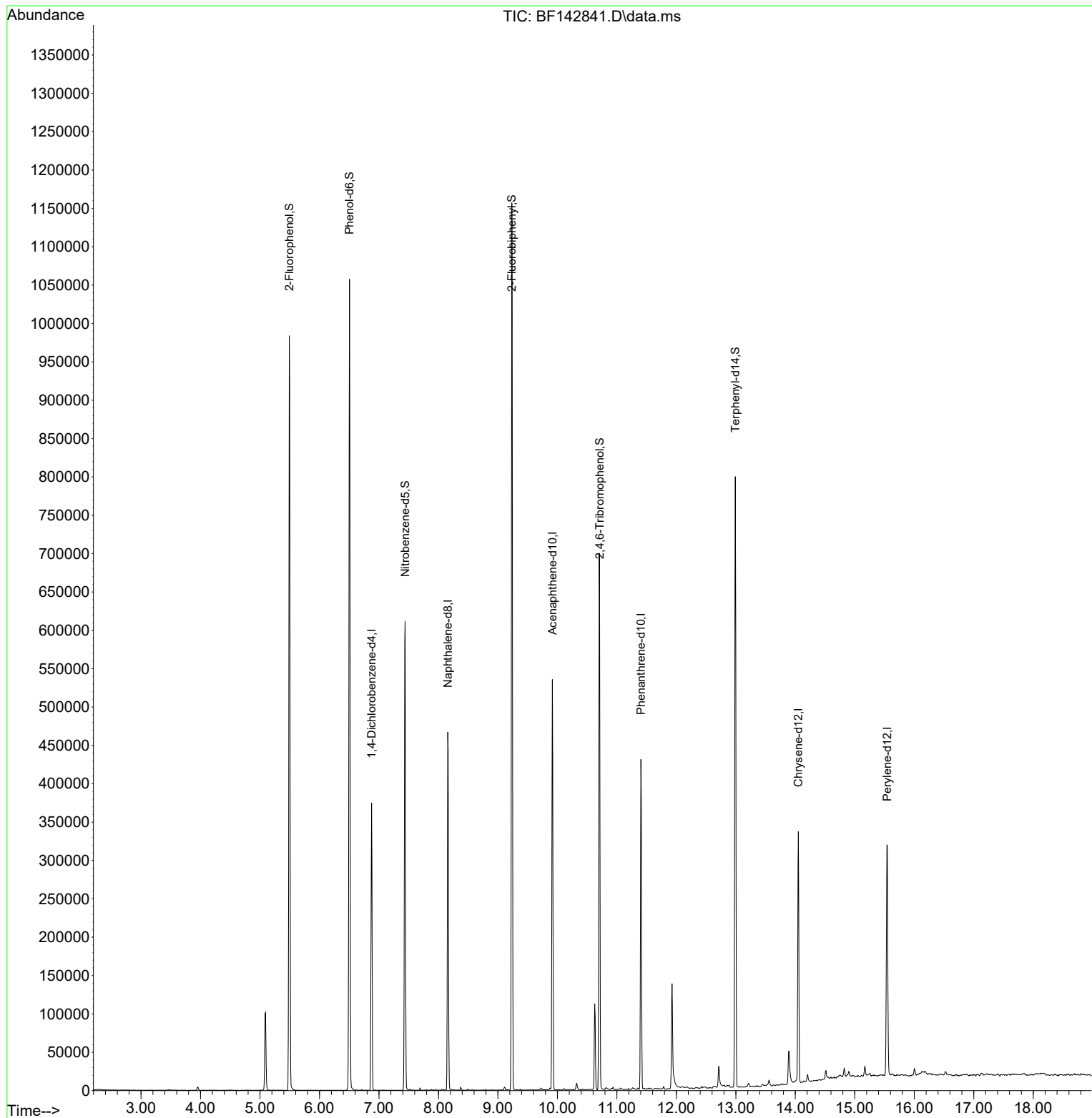
Target Compounds	Qvalue

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

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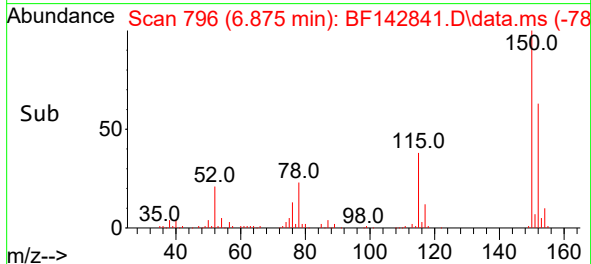
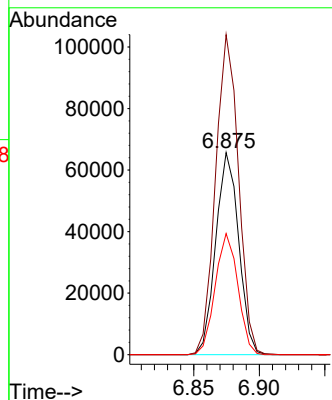
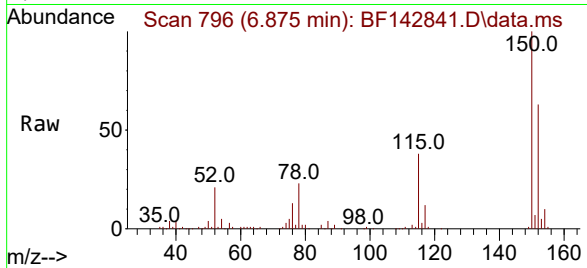




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

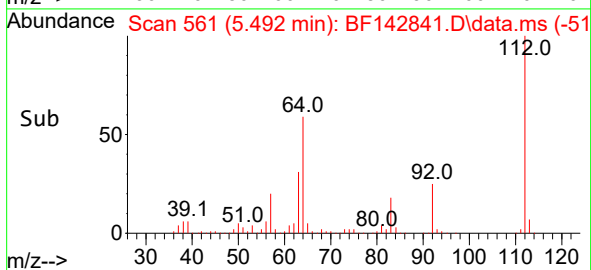
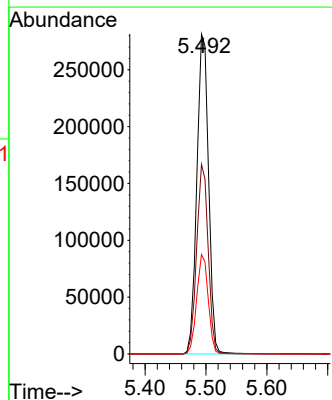
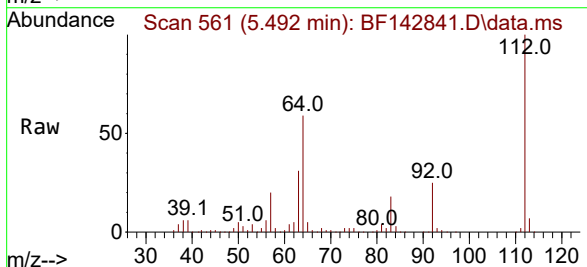
Instrument :
BNA_F
ClientSampleId :
PARK AVE -2

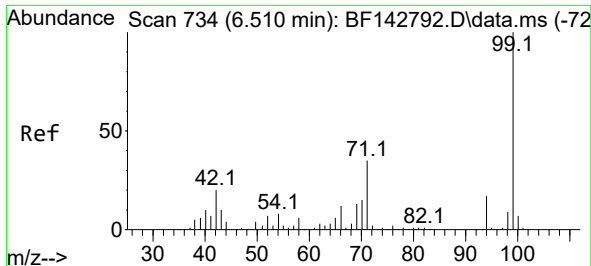
Tgt Ion:152 Resp: 79690
Ion Ratio Lower Upper
152 100
150 158.4 127.2 190.8
115 59.9 46.6 69.8



#5
2-Fluorophenol
Concen: 78.748 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

Tgt Ion:112 Resp: 376919
Ion Ratio Lower Upper
112 100
64 59.3 48.2 72.2
63 31.1 25.7 38.5

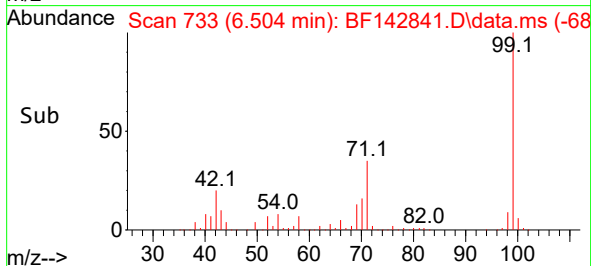
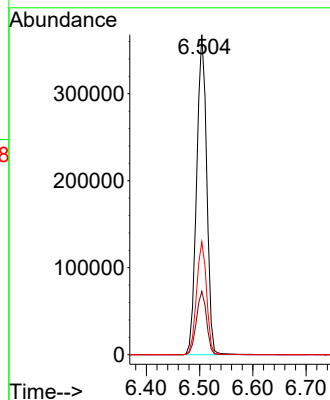
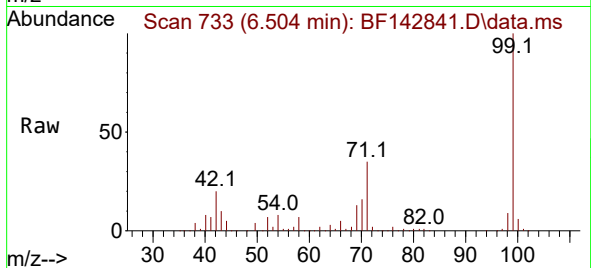




#7
Phenol-d6
Concen: 85.970 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

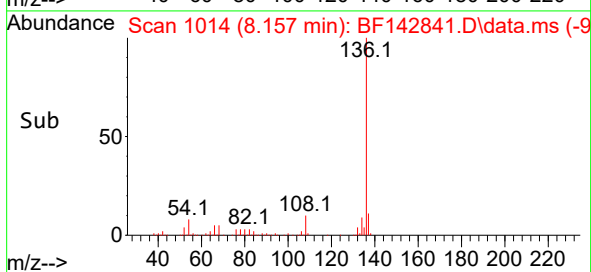
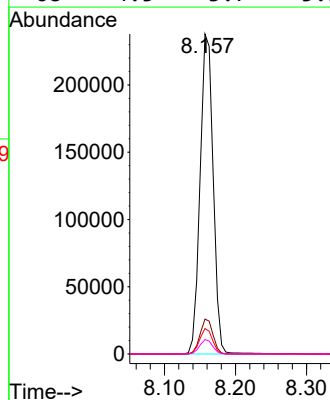
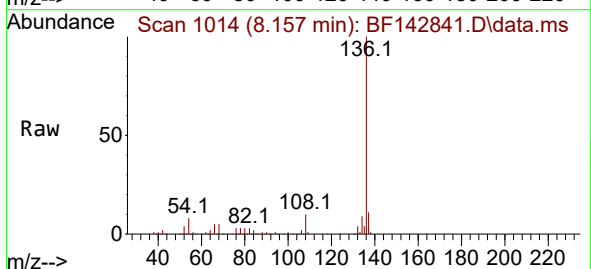
Instrument :
BNA_F
ClientSampleId :
PARK AVE -2

Tgt Ion: 99 Resp: 485476
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

Tgt Ion: 136 Resp: 305909
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 47.448 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142841.D

Acq: 25 Jun 2025 17:02

Instrument :

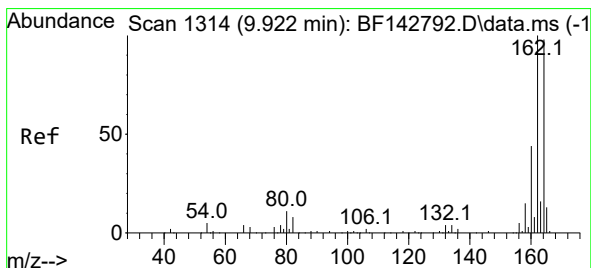
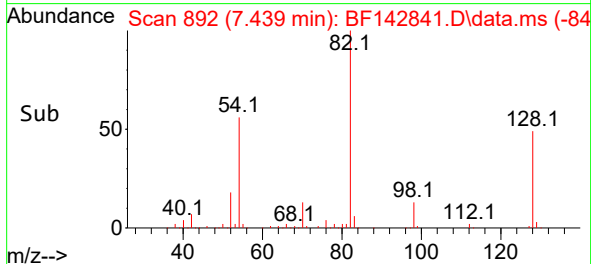
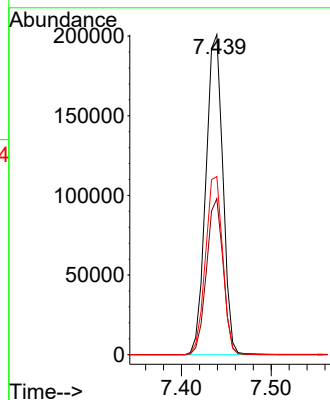
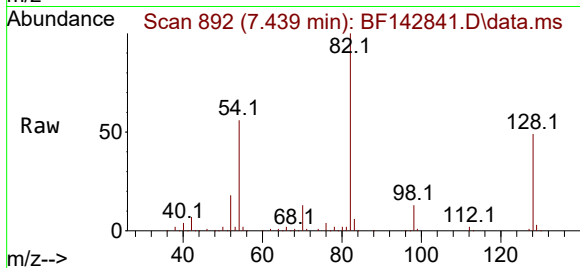
BNA_F

ClientSampleId :

PARK AVE -2

Tgt Ion: 82 Resp: 264621

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.7	56.5
54	55.7	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

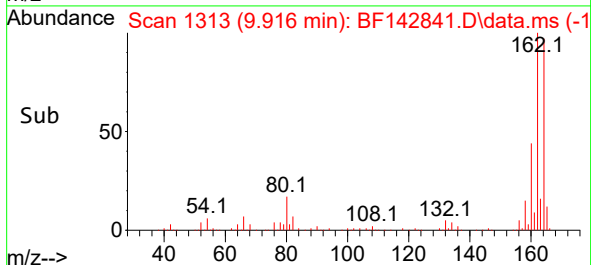
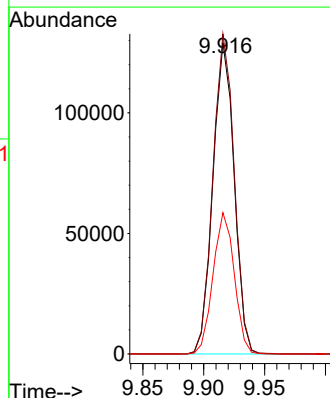
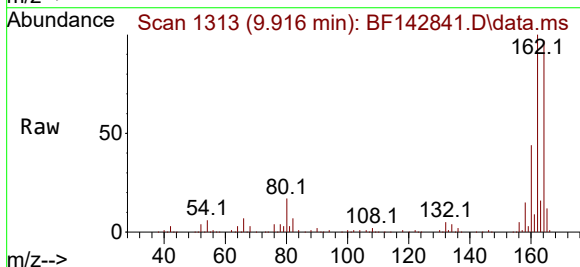
Delta R.T. -0.006 min

Lab File: BF142841.D

Acq: 25 Jun 2025 17:02

Tgt Ion:164 Resp: 156047

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	45.4	36.0	54.0

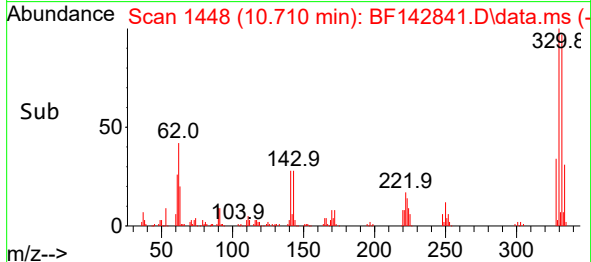
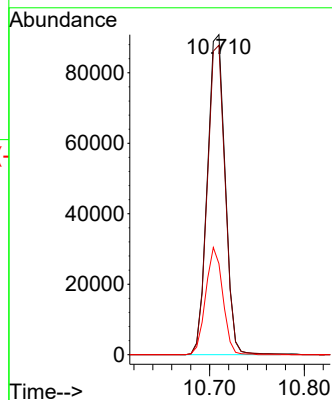
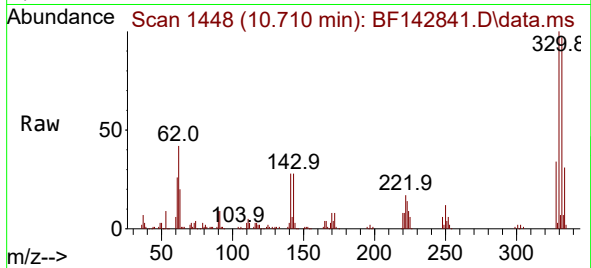




#42
2,4,6-Tribromophenol
Concen: 73.521 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

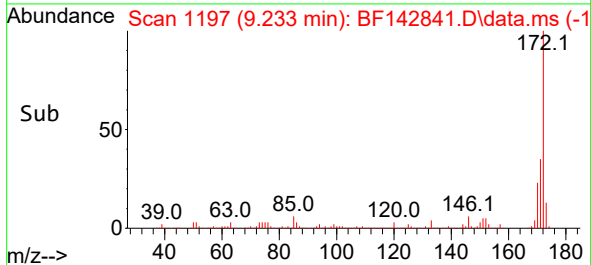
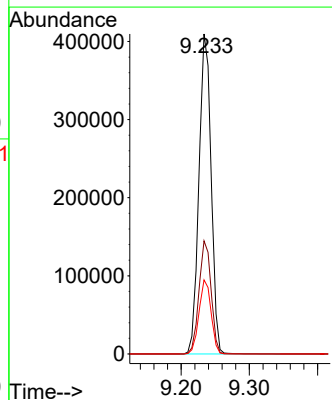
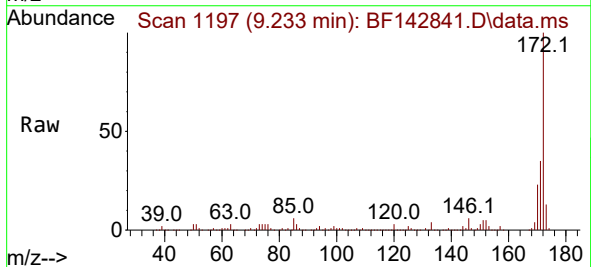
Instrument :
BNA_F
ClientSampleId :
PARK AVE -2

Tgt Ion:330 Resp: 118063
Ion Ratio Lower Upper
330 100
332 97.0 75.0 112.6
141 32.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 42.707 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

Tgt Ion:172 Resp: 507303
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7

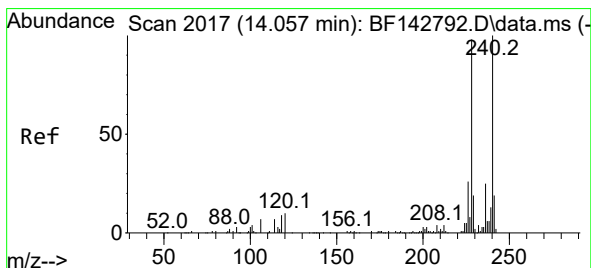
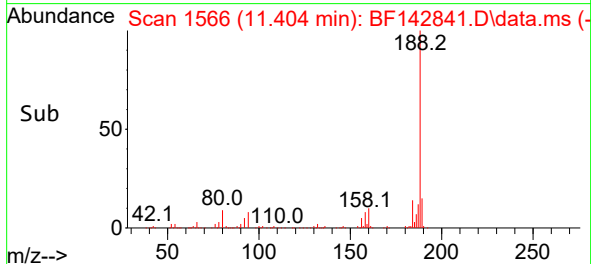
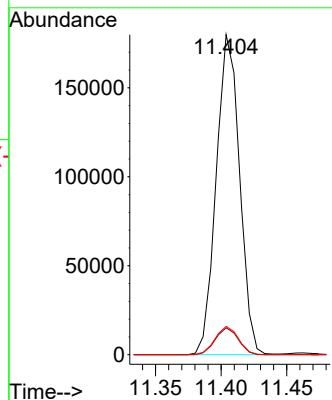
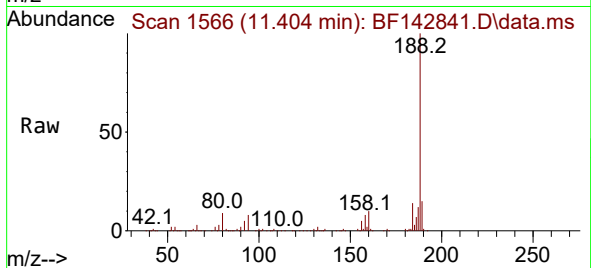




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

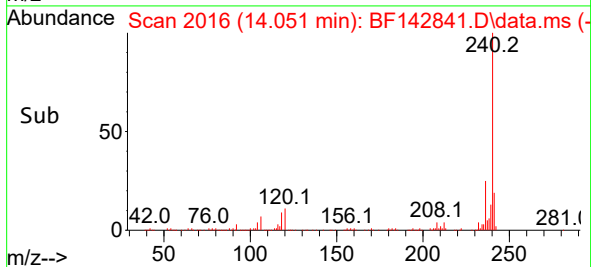
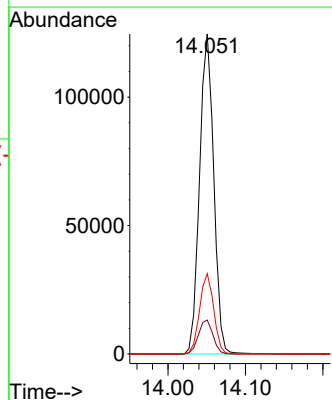
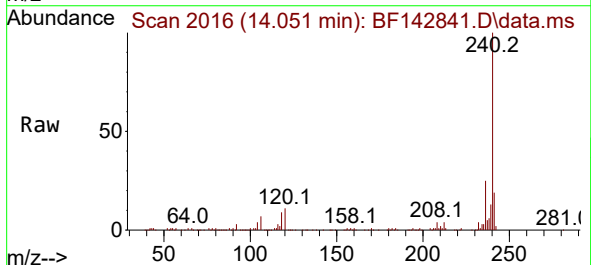
Instrument :
BNA_F
ClientSampleId :
PARK AVE -2

Tgt Ion:188 Resp: 222655
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142841.D
Acq: 25 Jun 2025 17:02

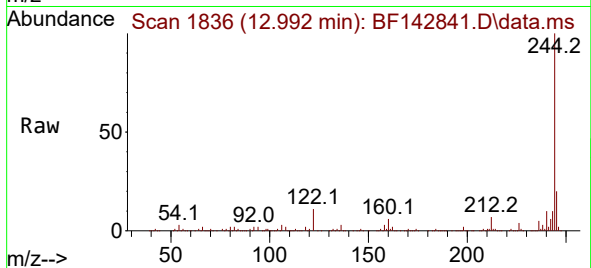
Tgt Ion:240 Resp: 158233
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.1 19.8 29.8



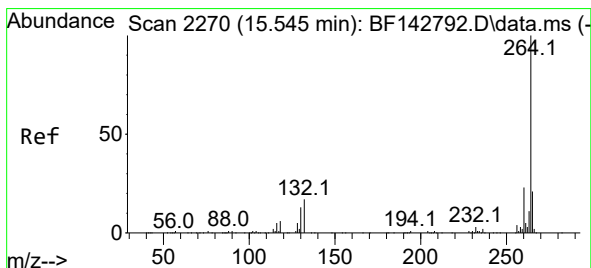
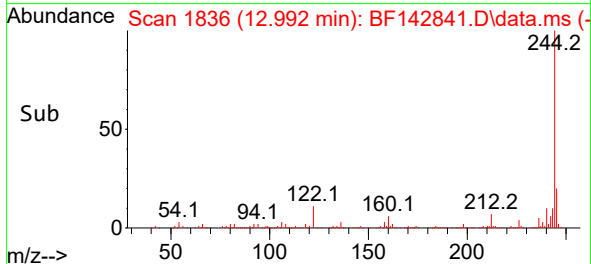
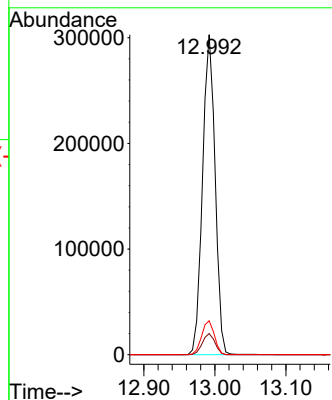


#79
 Terphenyl-d14
 Concen: 32.612 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142841.D
 Acq: 25 Jun 2025 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -2



Tgt Ion:244 Resp: 373474
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF142841.D
 Acq: 25 Jun 2025 17:02

Tgt Ion:264 Resp: 179947
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.8 16.6 25.0

