

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141374.D
 Acq On : 03 Feb 2025 17:41
 Operator : RC/JU
 Sample : PB166335BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166335BL

Quant Time: Feb 04 00:17:20 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	6.792	152	90939	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	365110	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	206122	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	372851	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	290144	20.000	ng	-0.02
86) Perylene-d12	15.404	264	250729	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	848585	143.255	ng	0.01
7) Phenol-d6	6.434	99	1051248	139.505	ng	0.00
23) Nitrobenzene-d5	7.357	82	692344	99.964	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	298509	157.969	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1317661	98.395	ng	-0.01
79) Terphenyl-d14	12.910	244	1706427	90.701	ng	0.00

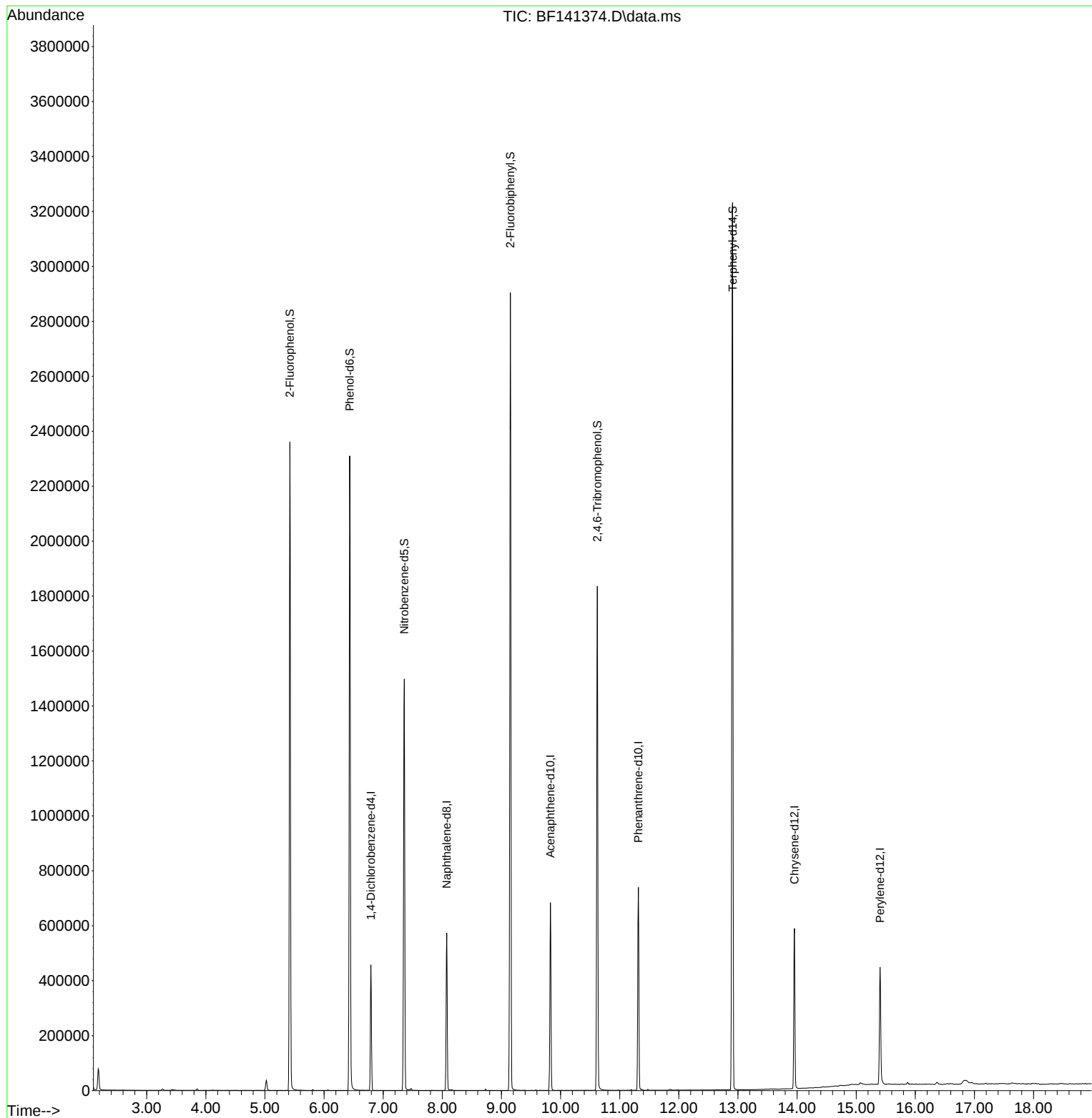
Target Compounds	Qvalue

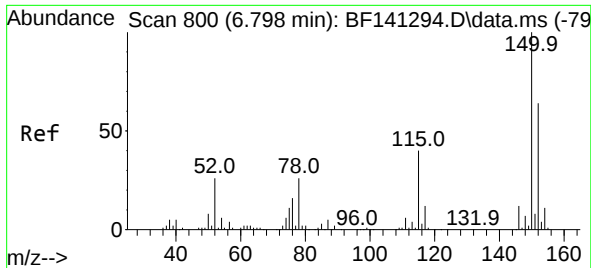
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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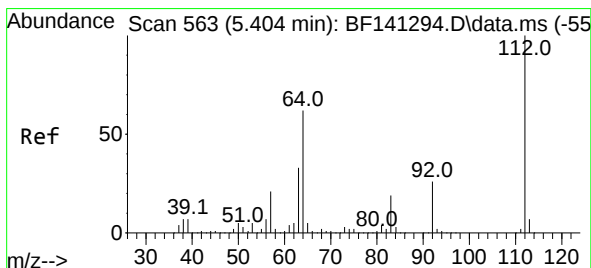
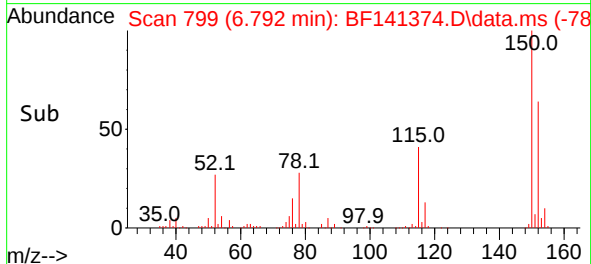
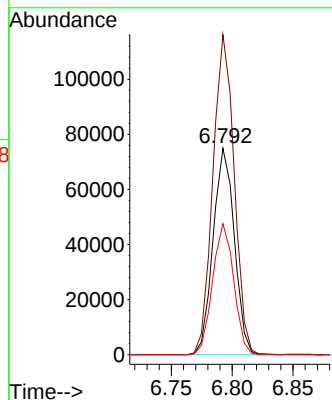
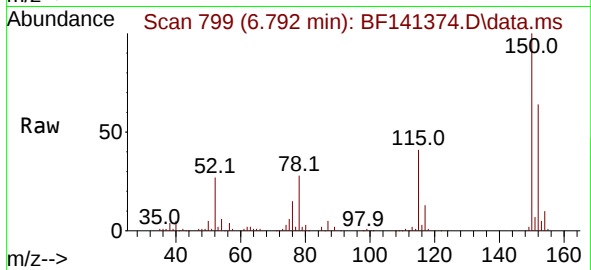




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

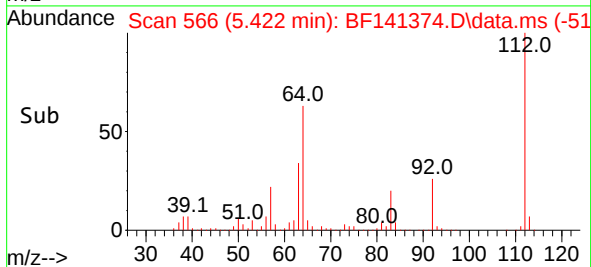
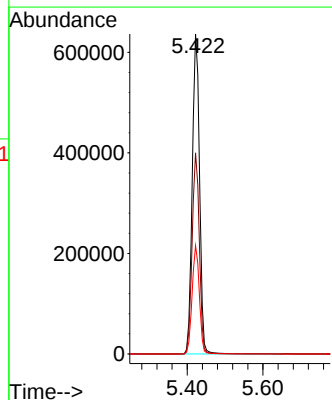
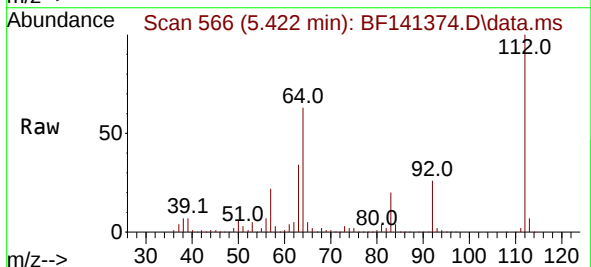
Instrument :
BNA_F
ClientSampleId :
PB166335BL

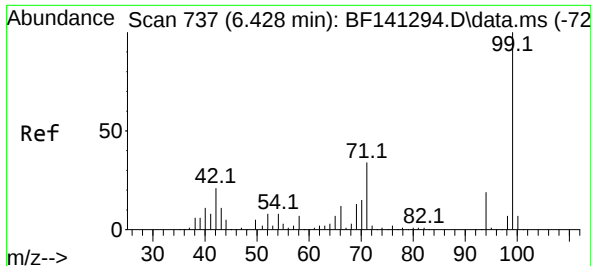
Tgt Ion:152 Resp: 90939
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 63.5 49.7 74.5



#5
2-Fluorophenol
Concen: 143.255 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion:112 Resp: 848585
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.9 26.1 39.1

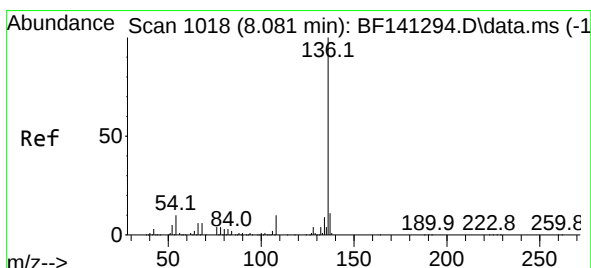
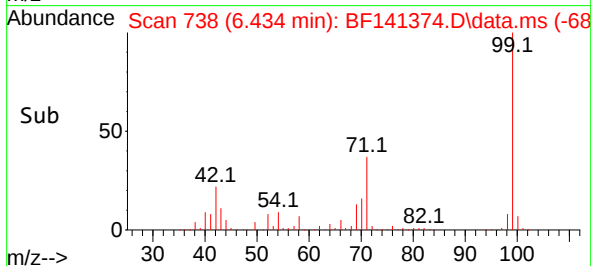
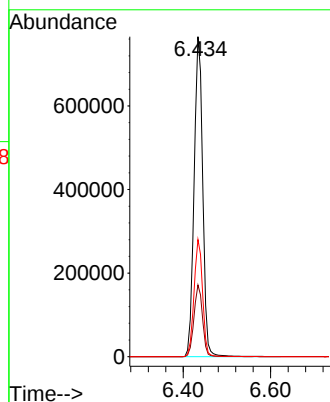
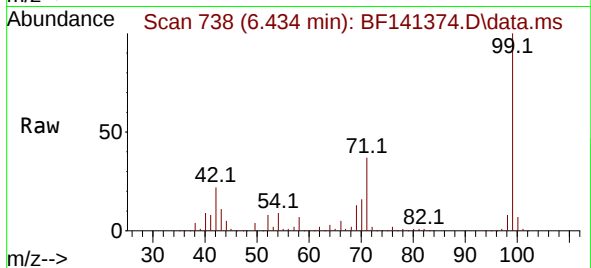




#7
Phenol-d6
Concen: 139.505 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

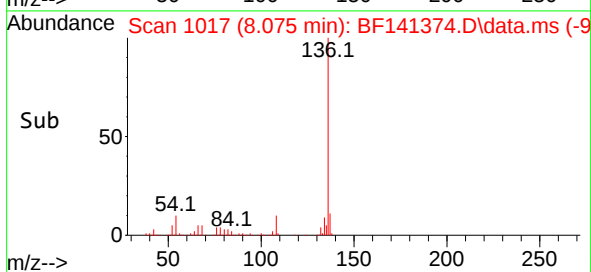
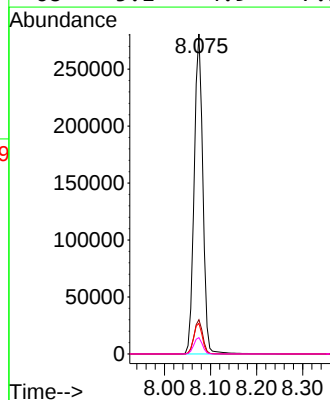
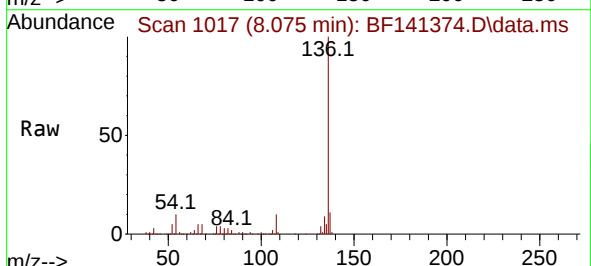
Instrument :
BNA_F
ClientSampleId :
PB166335BL

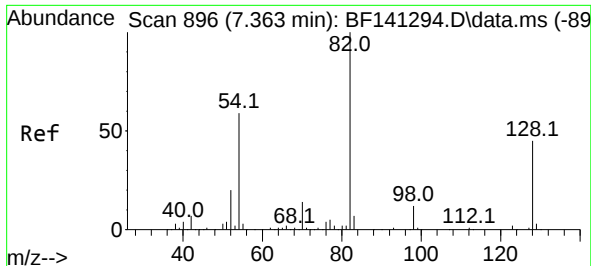
Tgt Ion: 99 Resp: 1051248
Ion Ratio Lower Upper
99 100
42 22.4 17.1 25.7
71 36.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion: 136 Resp: 365110
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.5 7.8 11.8
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 99.964 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141374.D

Acq: 03 Feb 2025 17:41

Instrument :

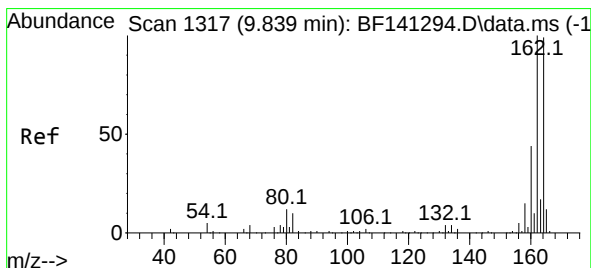
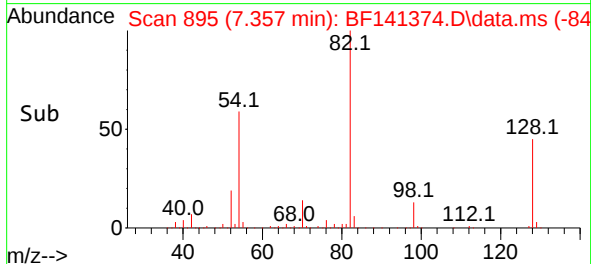
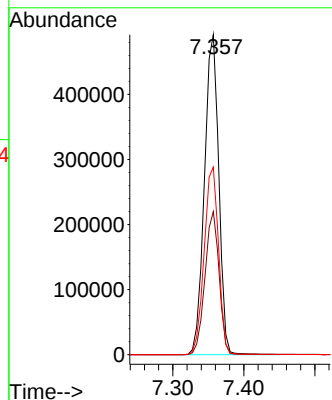
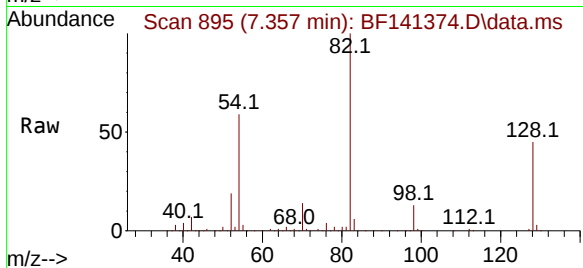
BNA_F

ClientSampleId :

PB166335BL

Tgt Ion: 82 Resp: 692344

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	58.6	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1315

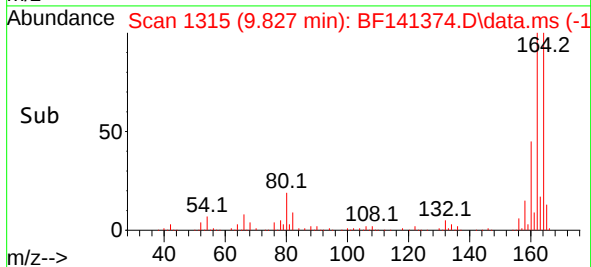
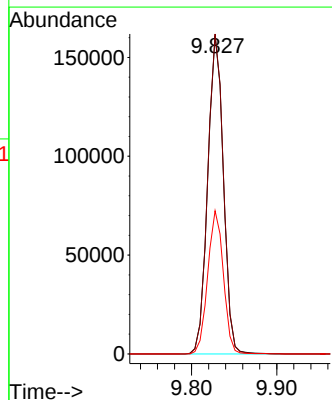
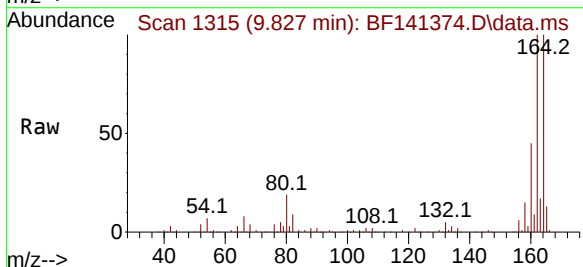
Delta R.T. -0.012 min

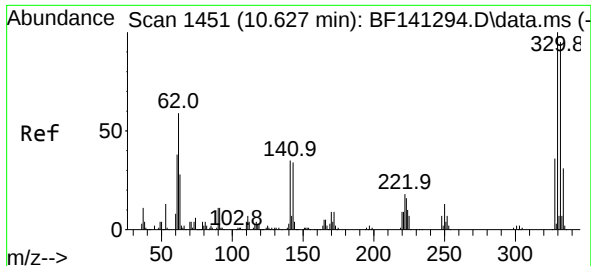
Lab File: BF141374.D

Acq: 03 Feb 2025 17:41

Tgt Ion:164 Resp: 206122

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.9	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 157.969 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141374.D

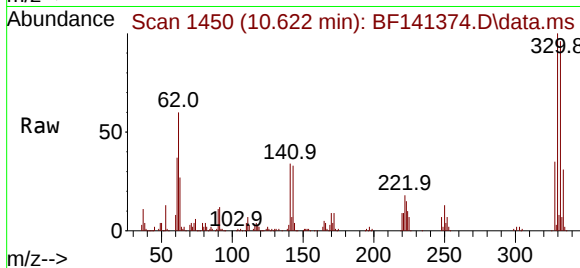
Acq: 03 Feb 2025 17:41

Instrument :

BNA_F

ClientSampleId :

PB166335BL



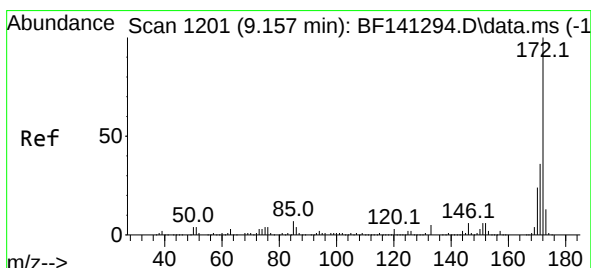
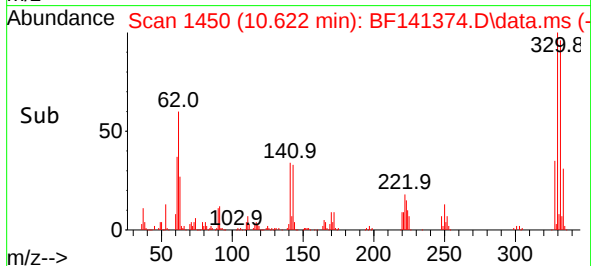
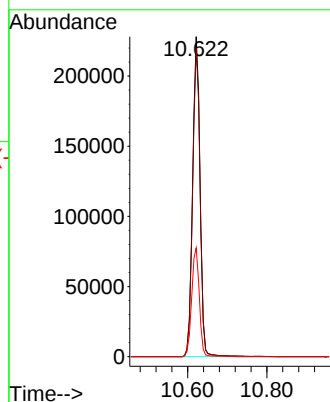
Tgt Ion:330 Resp: 298509

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

141 34.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 98.395 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141374.D

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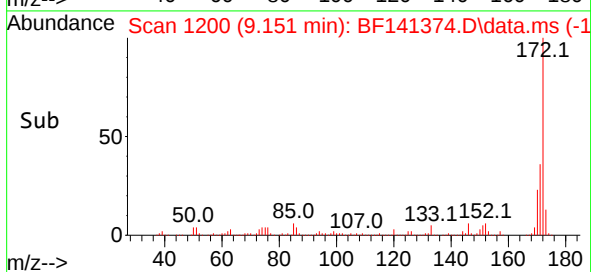
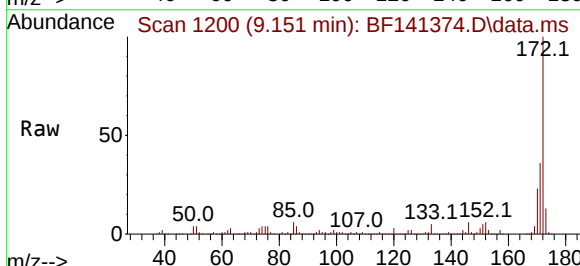
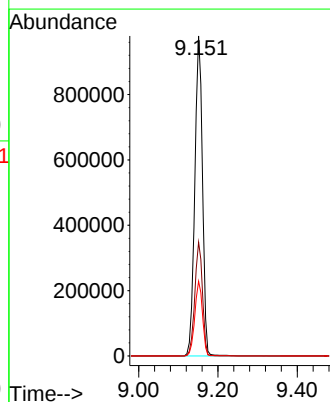
Tgt Ion:172 Resp: 1317661

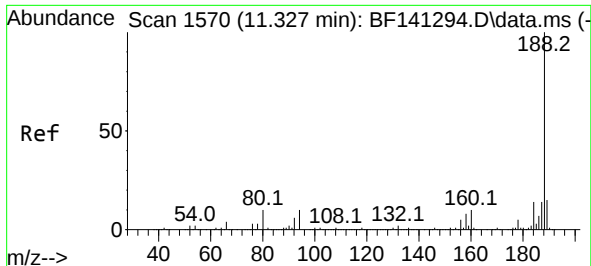
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 19.0 28.6

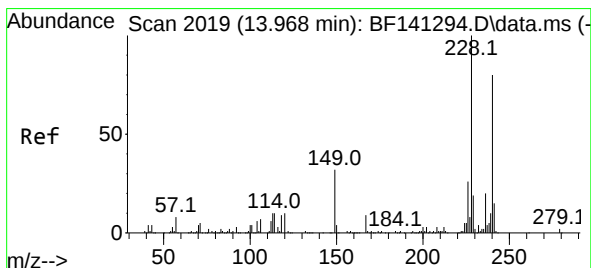
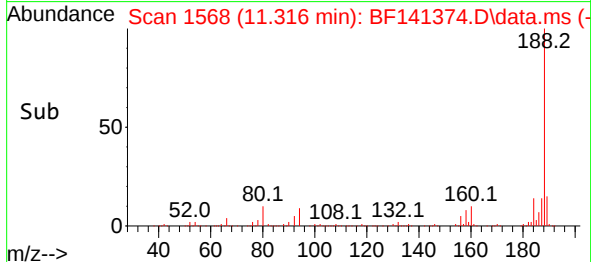
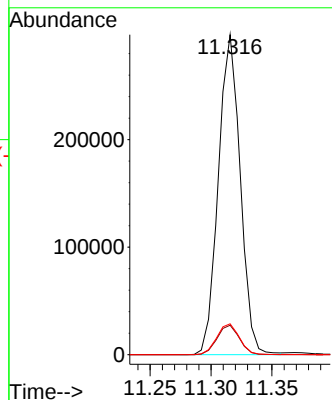
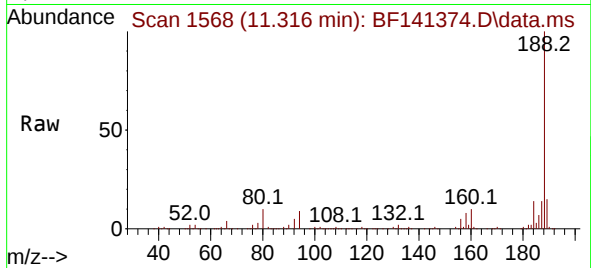




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

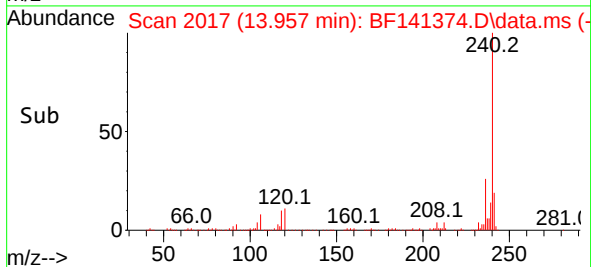
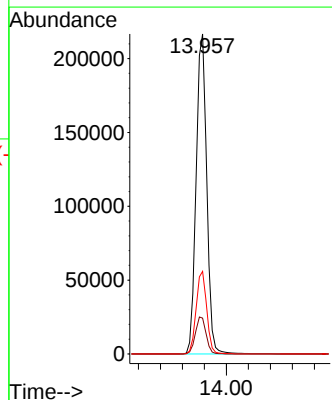
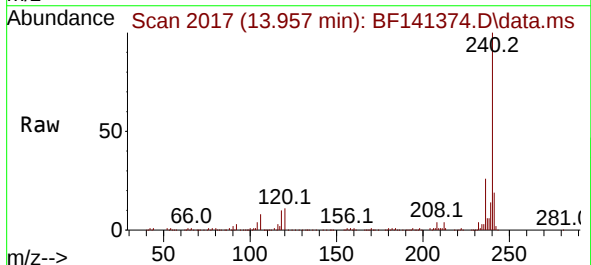
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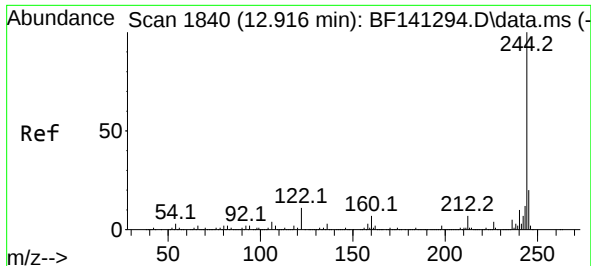
Tgt Ion:188 Resp: 372851
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141374.D
Acq: 03 Feb 2025 17:41

Tgt Ion:240 Resp: 290144
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 25.8 19.7 29.5

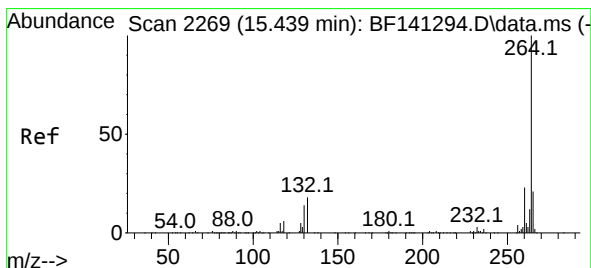
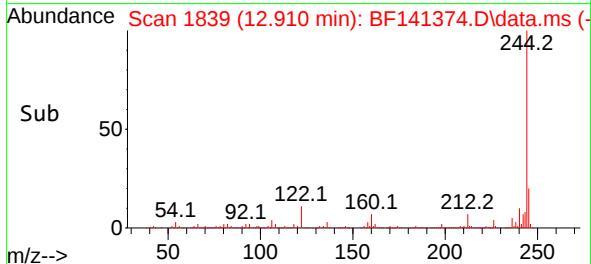
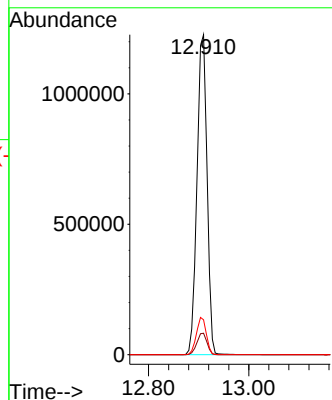
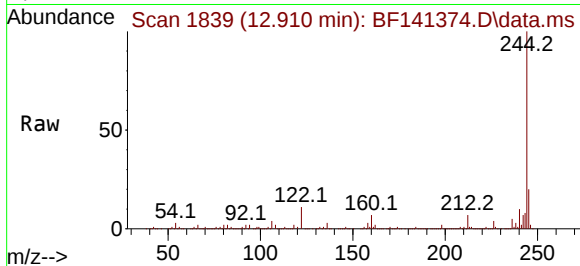




#79
 Terphenyl-d14
 Concen: 90.701 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141374.D
 Acq: 03 Feb 2025 17:41

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 ClientSampleId :
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Tgt Ion:244 Resp: 1706427
 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: 15.404 min Scan# 2263
 Delta R.T. -0.036 min
 Lab File: BF141374.D
 Acq: 03 Feb 2025 17:41

Tgt Ion:264 Resp: 250729
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.1 16.7 25.1

