

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141332.D
 Acq On : 31 Jan 2025 15:13
 Operator : RC/JU
 Sample : Q1205-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Jan 31 15:50:51 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	142133	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	566130	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	299733	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	505188	20.000	ng	0.00
76) Chrysene-d12	13.963	240	358702	20.000	ng	-0.01
86) Perylene-d12	15.433	264	273365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1138184	122.937	ng	0.01
7) Phenol-d6	6.428	99	1379087	117.093	ng	-0.01
23) Nitrobenzene-d5	7.357	82	922777	85.926	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	378355	137.691	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1637990	84.114	ng	0.00
79) Terphenyl-d14	12.916	244	1781768	76.604	ng	0.00

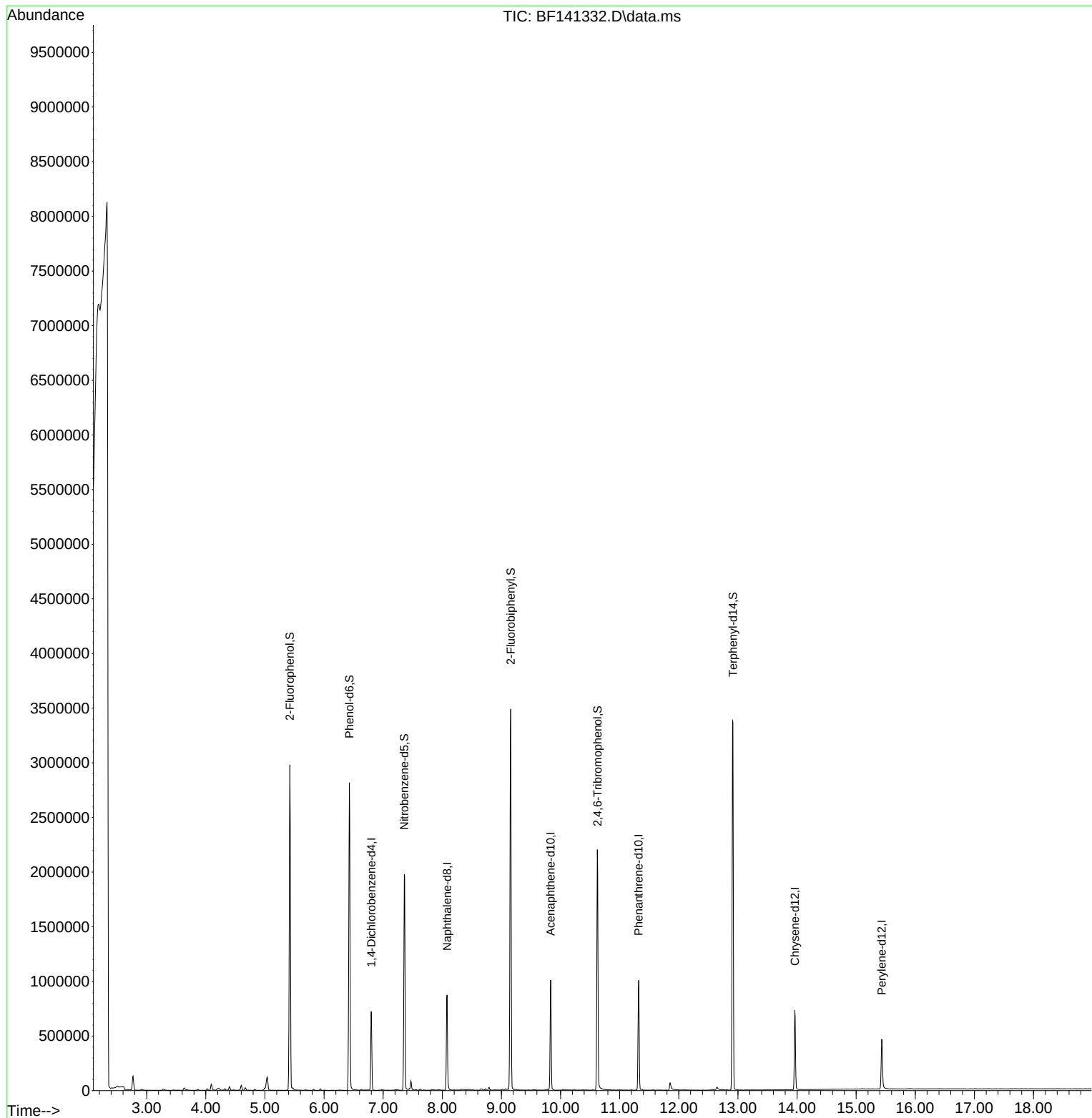
Target Compounds	Qvalue

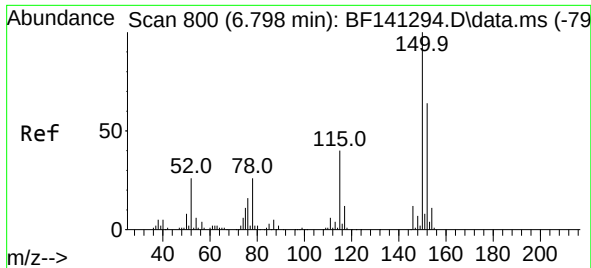
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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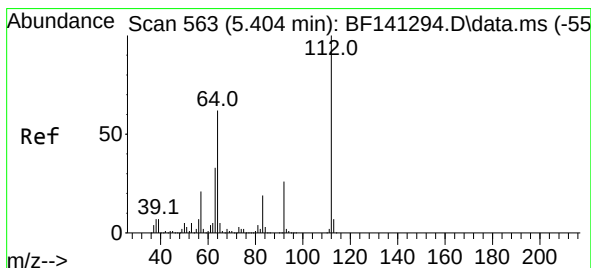
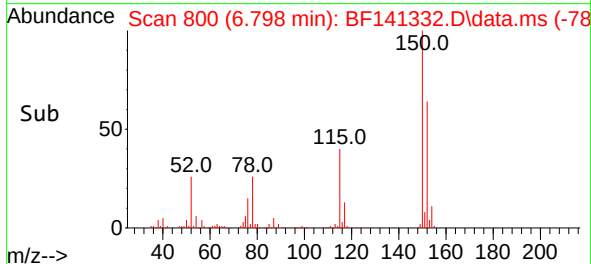
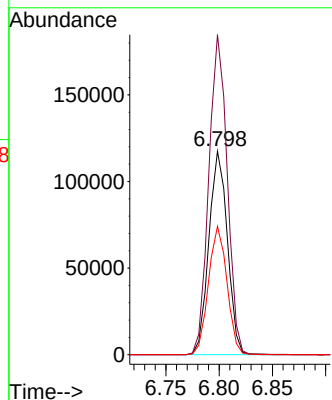
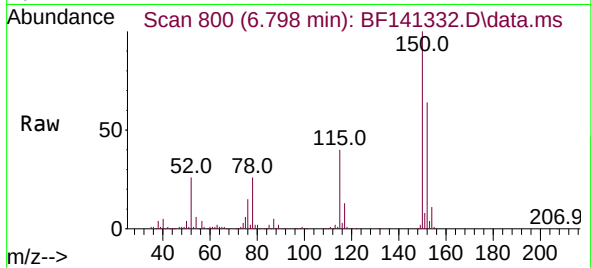




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

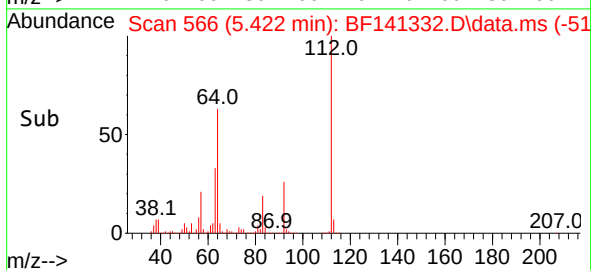
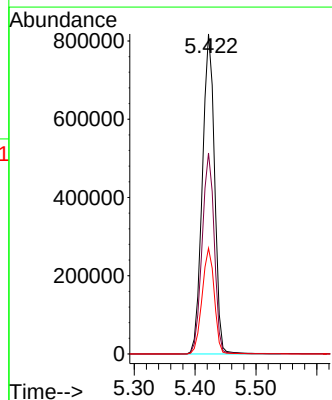
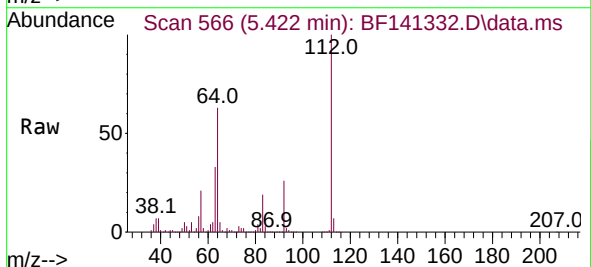
Instrument :
BNA_F
ClientSampleId :
VNJ-236

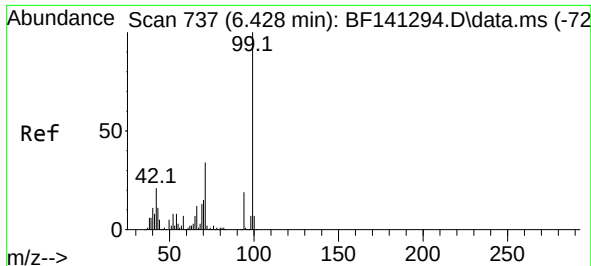
Tgt Ion:152 Resp: 142133
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 63.1 49.7 74.5



#5
2-Fluorophenol
Concen: 122.937 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion:112 Resp: 1138184
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.0 26.1 39.1

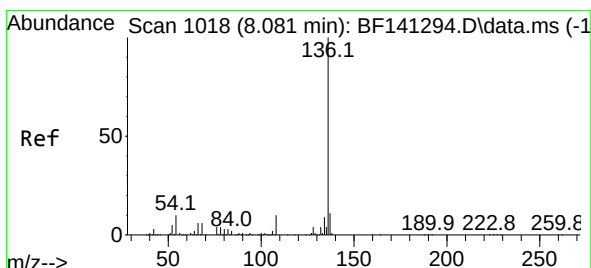
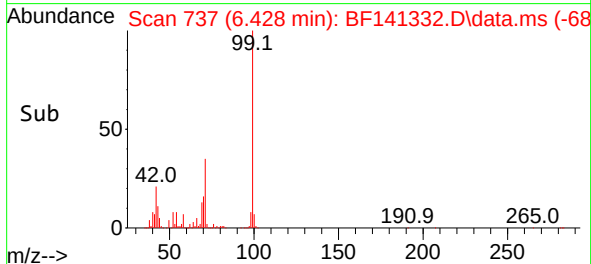
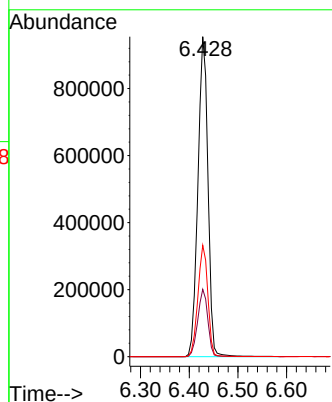
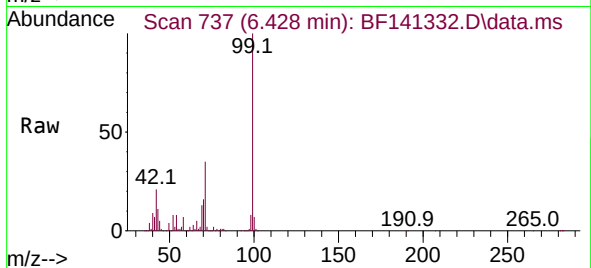




#7
Phenol-d6
Concen: 117.093 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

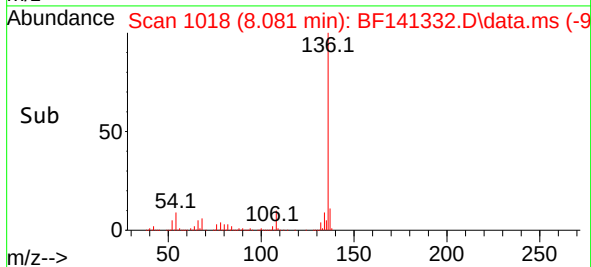
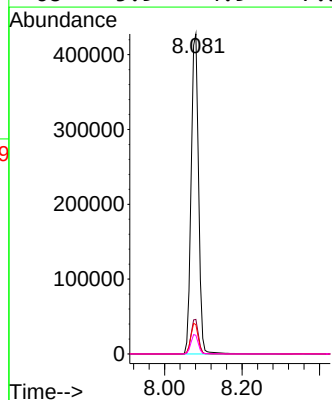
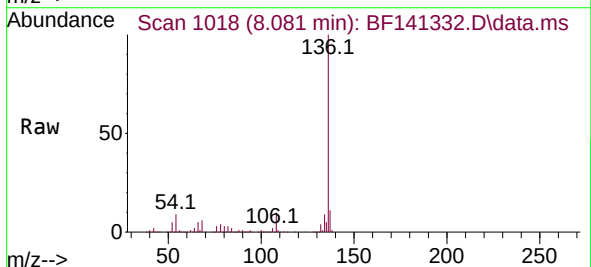
Instrument :
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ClientSampleId :
VNJ-236

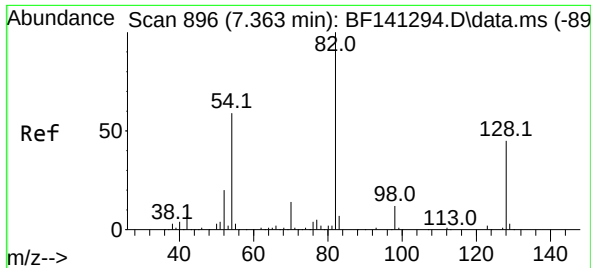
Tgt Ion: 99 Resp: 1379087
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 34.8 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion:136 Resp: 566130
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 7.8 11.8
68 5.9 4.9 7.3

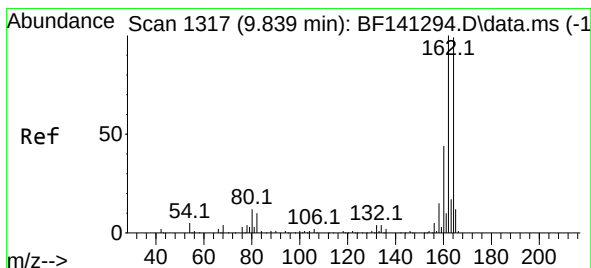
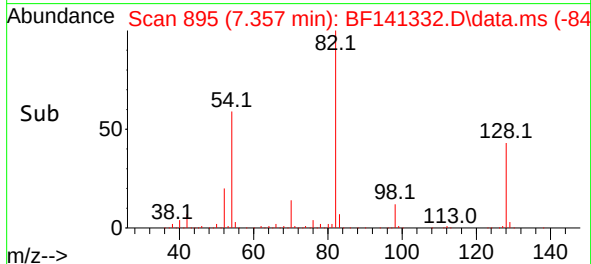
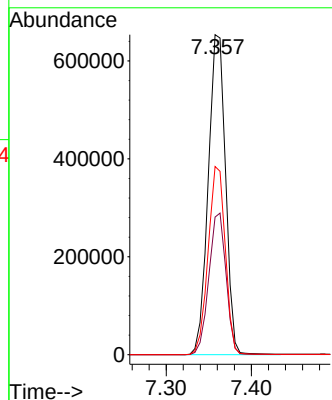
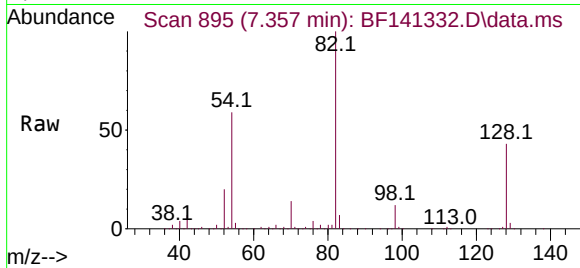




#23
Nitrobenzene-d5
Concen: 85.926 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

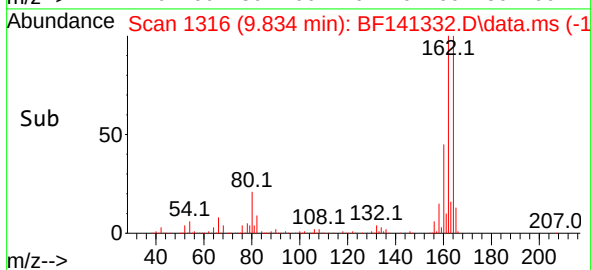
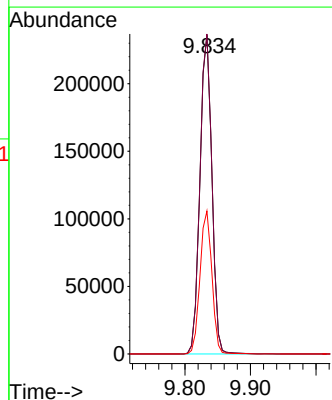
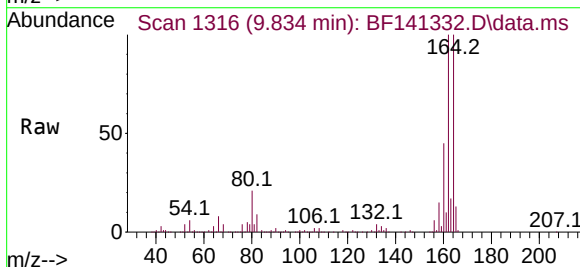
Instrument :
BNA_F
ClientSampleId :
VNJ-236

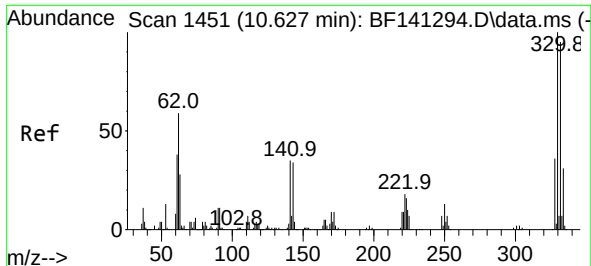
Tgt Ion: 82 Resp: 922777
Ion Ratio Lower Upper
82 100
128 43.0 35.7 53.5
54 58.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion: 164 Resp: 299733
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 137.691 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141332.D

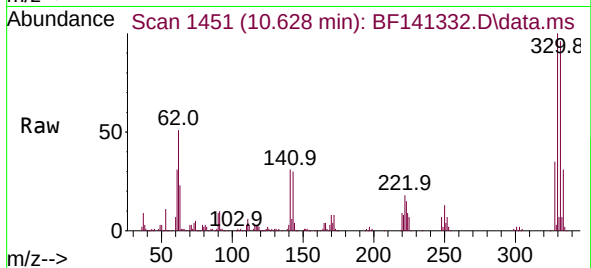
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Instrument :

BNA_F

ClientSampleId :

VNJ-236



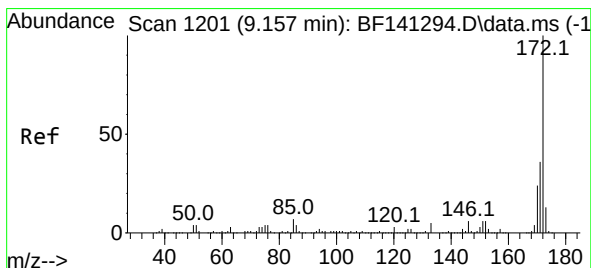
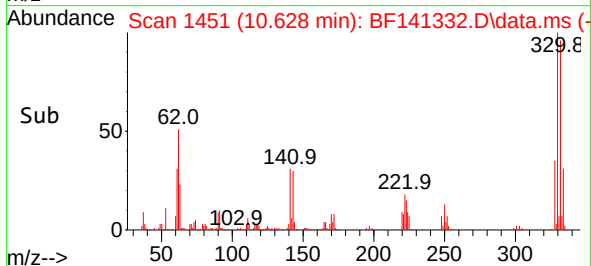
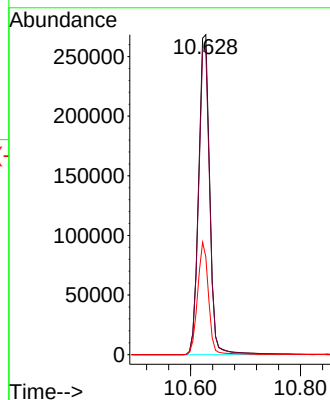
Tgt Ion:330 Resp: 378355

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

141 34.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 84.114 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141332.D

Acq: 31 Jan 2025 15:13

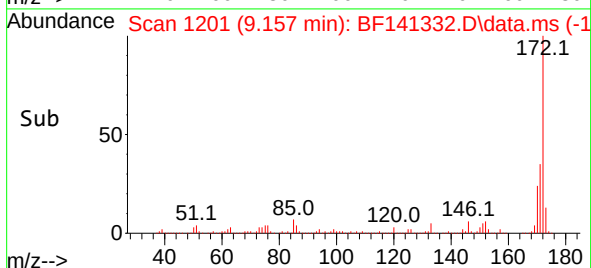
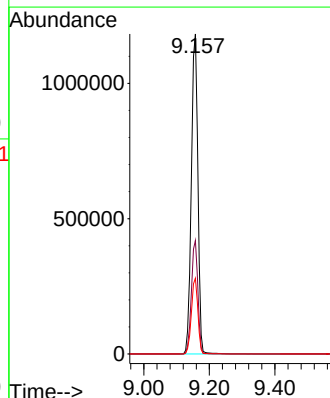
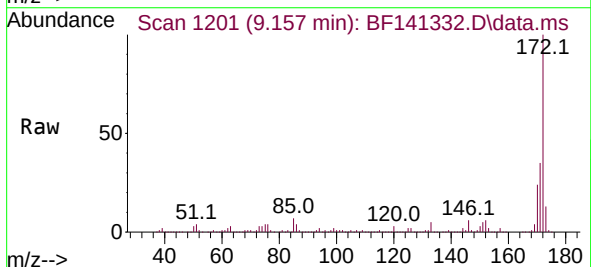
Tgt Ion:172 Resp: 1637990

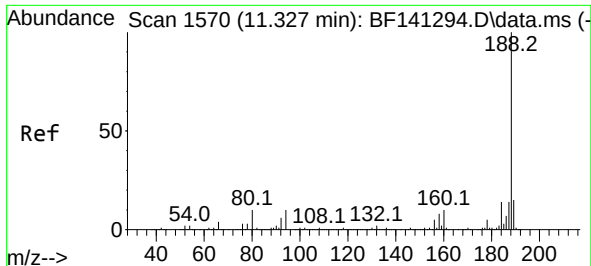
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 19.0 28.6

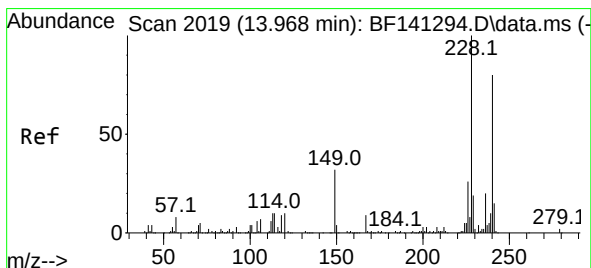
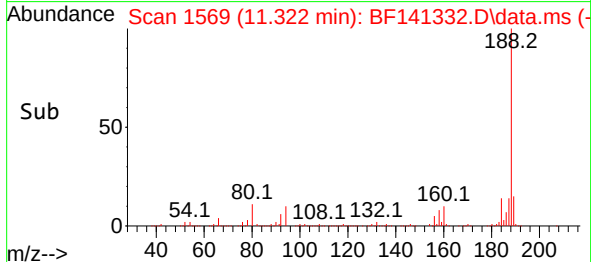
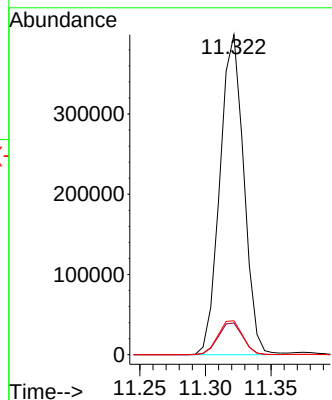
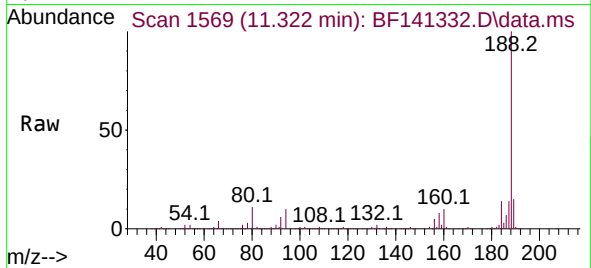




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

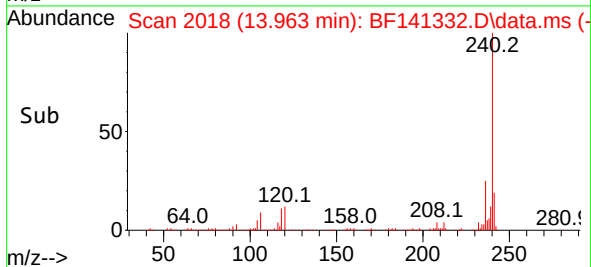
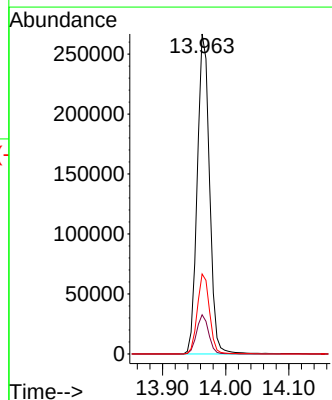
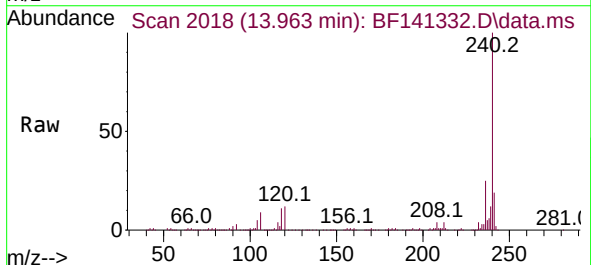
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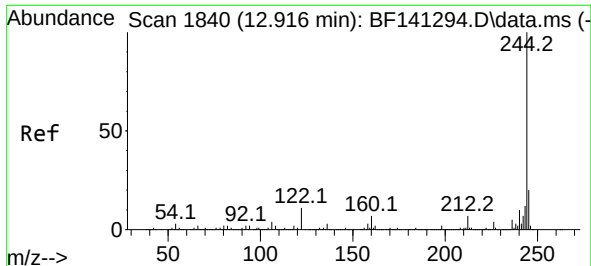
Tgt Ion:188 Resp: 505188
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141332.D
Acq: 31 Jan 2025 15:13

Tgt Ion:240 Resp: 358702
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 25.0 19.7 29.5

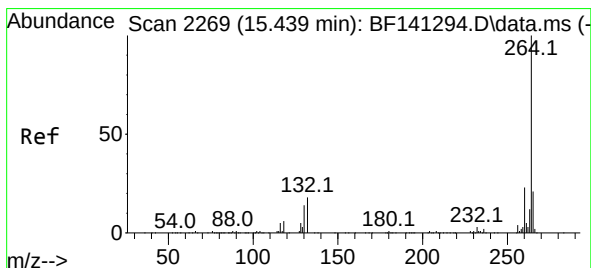
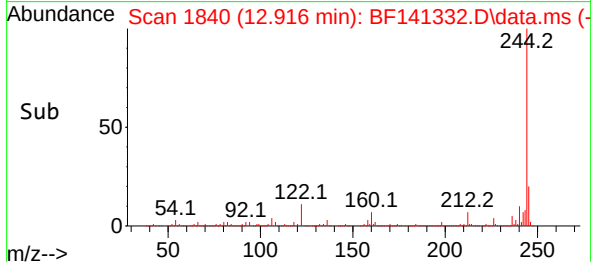
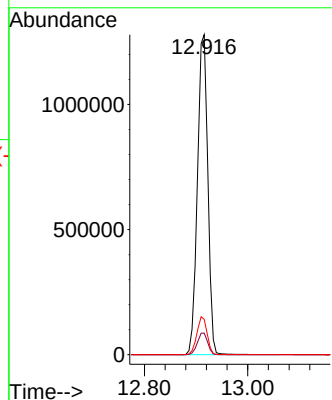
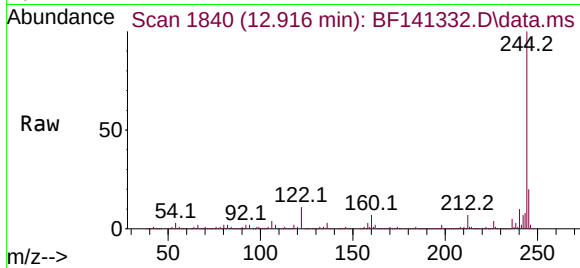




#79
 Terphenyl-d14
 Concen: 76.604 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141332.D
 Acq: 31 Jan 2025 15:13

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Tgt Ion:244 Resp: 1781768
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF141332.D
 Acq: 31 Jan 2025 15:13

Tgt Ion:264 Resp: 273365
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.5 16.7 25.1

