

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029157.D
 Acq On : 21 Dec 2023 19:08
 Operator : MA/JU
 Sample : 05720-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-FRACSEDIMENT-IDWSO-20231207

Quant Time: Dec 21 23:27:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	887	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	1646	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	895	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1443	0.400	ng	0.00
29) Chrysene-d12	21.393	240	675	0.400	ng	0.00
35) Perylene-d12	23.715	264	877	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	525	0.247	ng	0.00
5) Phenol-d6	7.002	99	525	0.225	ng	0.00
8) Nitrobenzene-d5	8.971	82	496	0.231	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	646	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	91	0.116	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1271	0.243	ng	0.00
27) Fluoranthene-d10	19.224	212	723	0.207	ng	0.00
31) Terphenyl-d14	19.833	244	503	0.271	ng	0.00

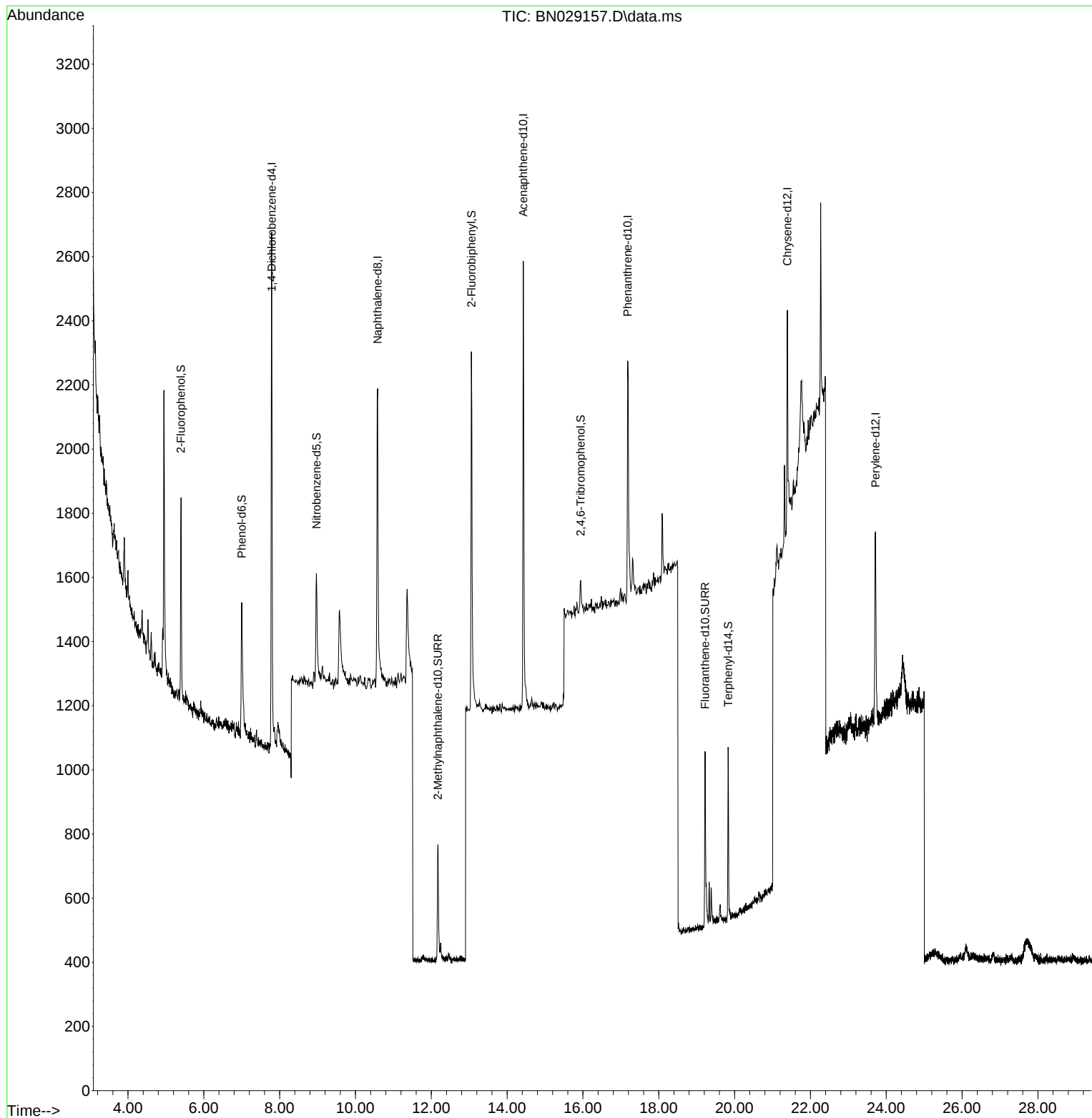
Target Compounds Qvalue

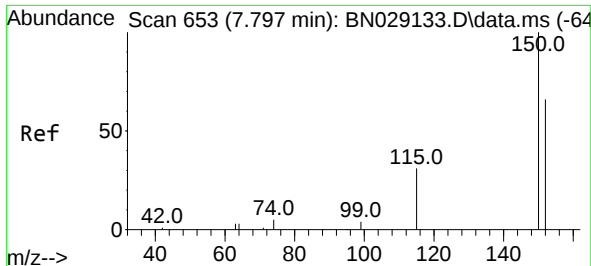
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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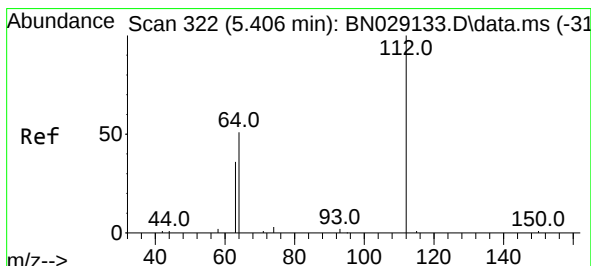
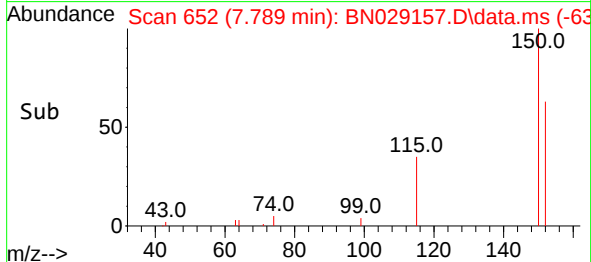
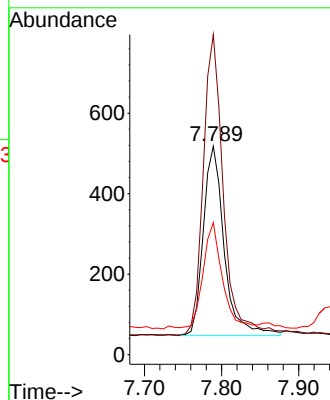
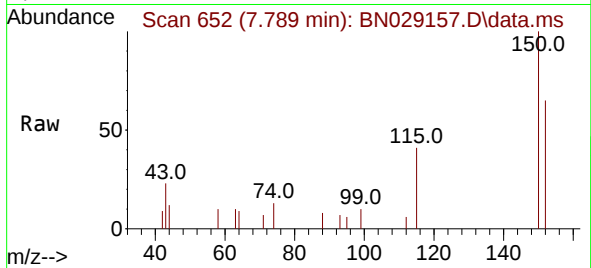




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

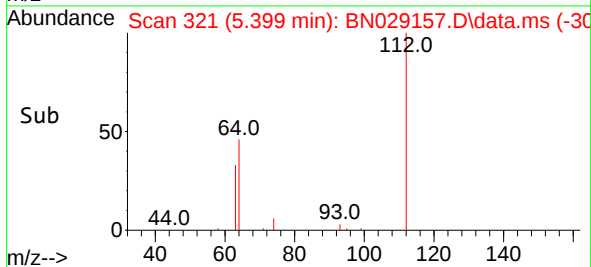
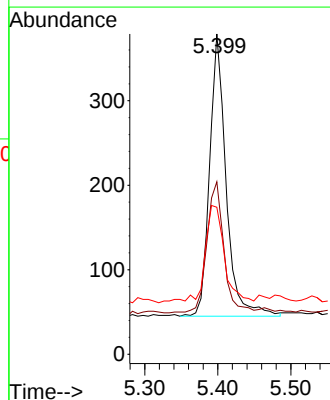
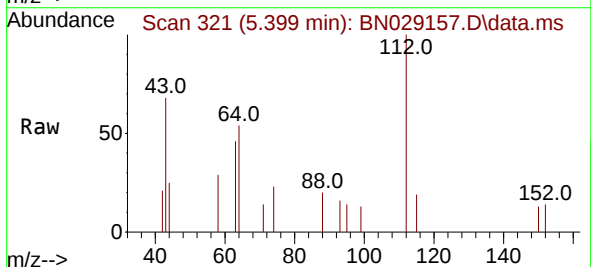
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

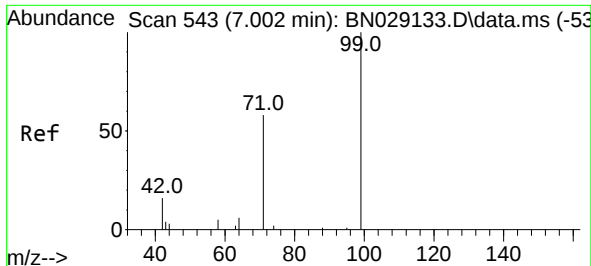
Tgt Ion:152 Resp: 887
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 63.3 44.2 66.2



#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.008 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

Tgt Ion:112 Resp: 525
Ion Ratio Lower Upper
112 100
64 47.6 38.6 58.0
63 40.4 30.0 45.0

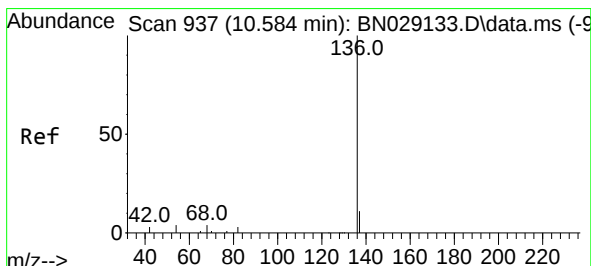
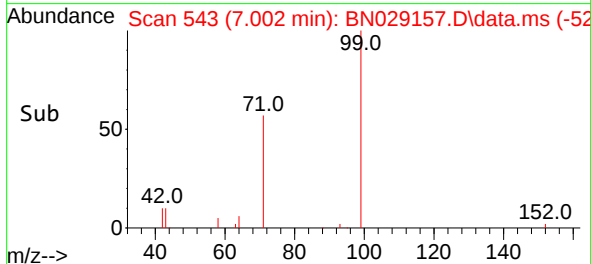
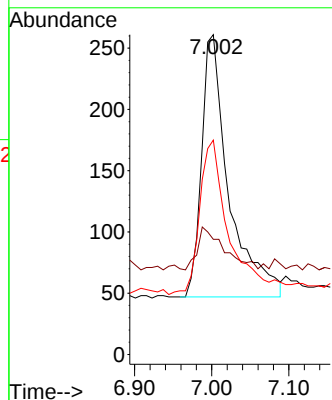
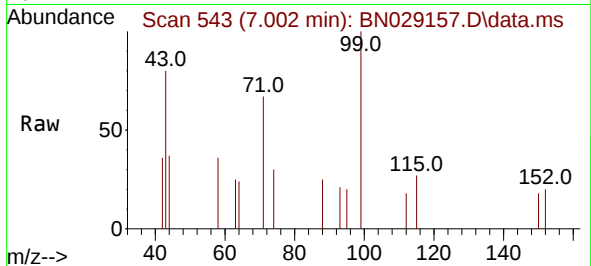




#5
Phenol-d6
Concen: 0.225 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

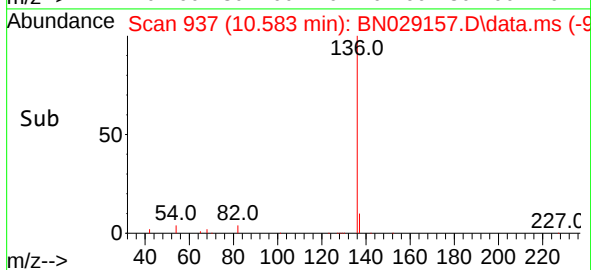
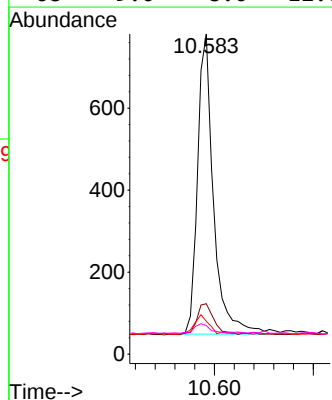
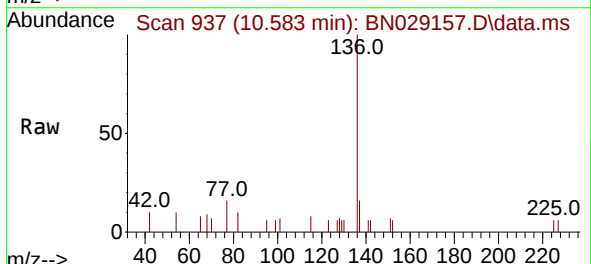
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

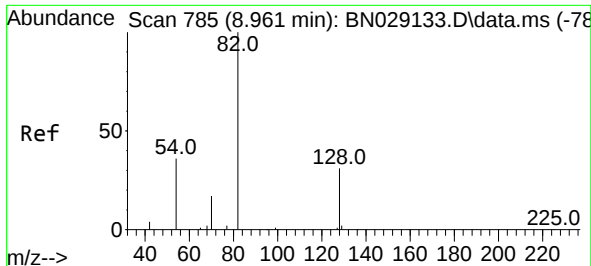
Tgt Ion: 99	Resp: 525
Ion Ratio	Lower Upper
99 100	
42 16.0	13.8 20.6
71 64.6	45.4 68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

Tgt Ion:136	Resp: 1646
Ion Ratio	Lower Upper
136 100	
137 15.7	13.4 20.0
54 10.2	8.6 13.0
68 9.0	8.0 12.0

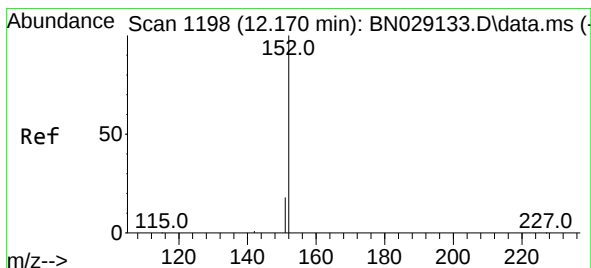
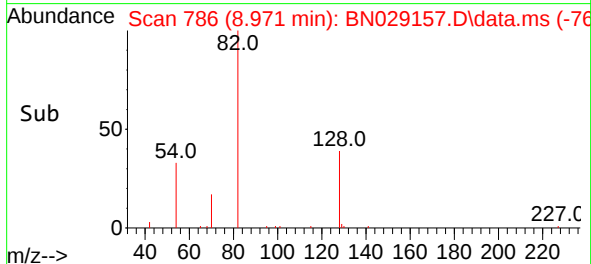
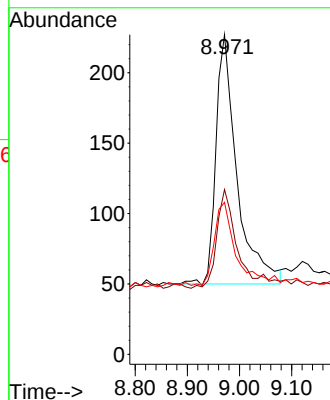
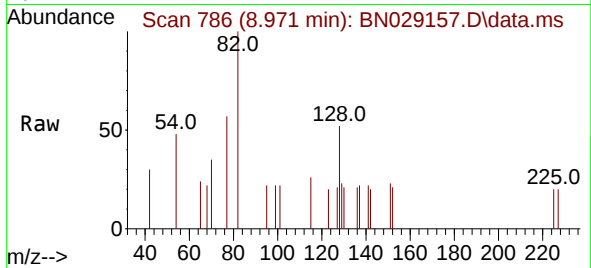




#8
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.971 min Scan# 785
Delta R.T. 0.010 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

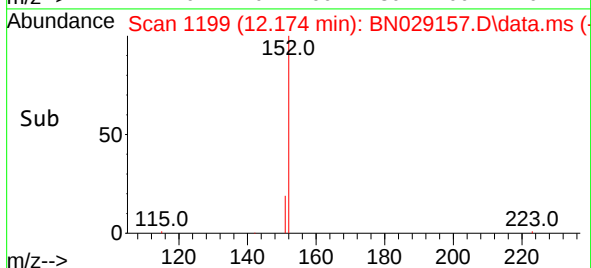
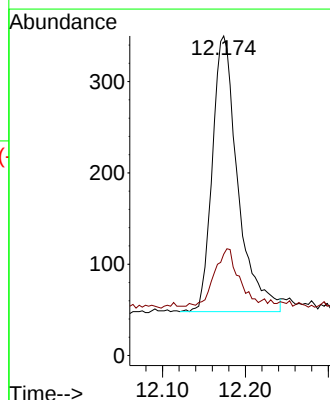
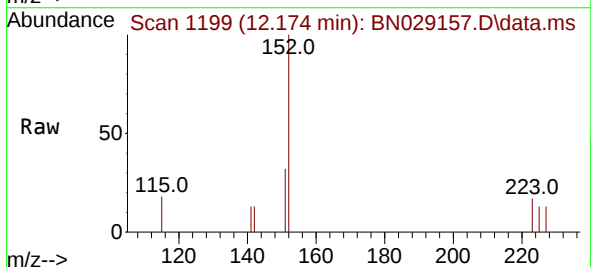
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

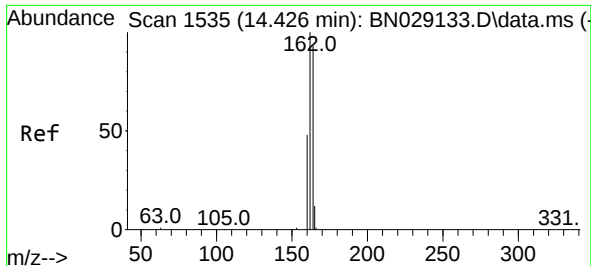
Tgt Ion: 82 Resp: 496
Ion Ratio Lower Upper
82 100
128 51.5 33.0 49.4#
54 47.6 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.174 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

Tgt Ion: 152 Resp: 646
Ion Ratio Lower Upper
152 100
151 19.7 17.4 26.2

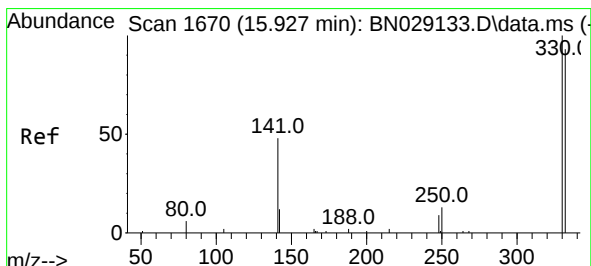
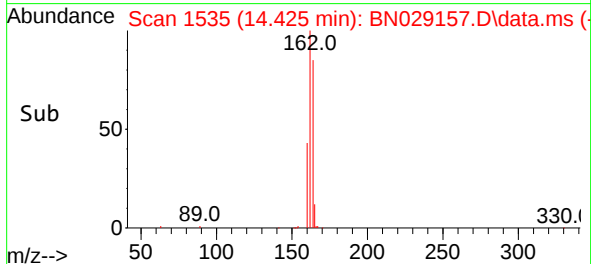
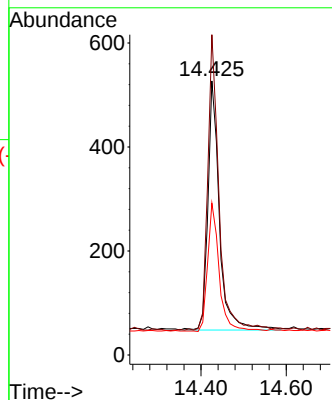
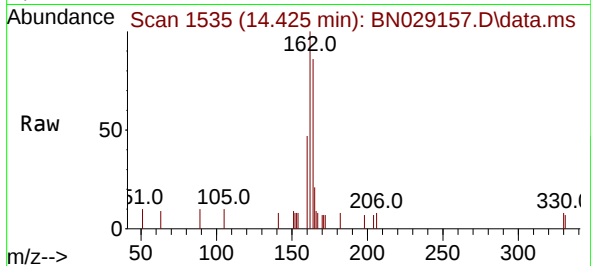




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

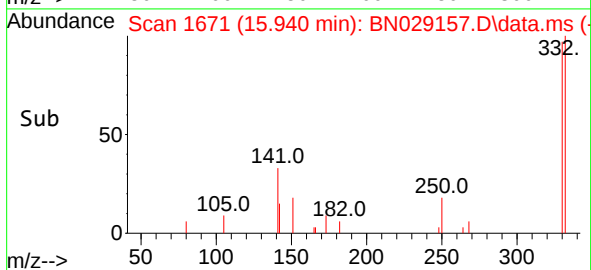
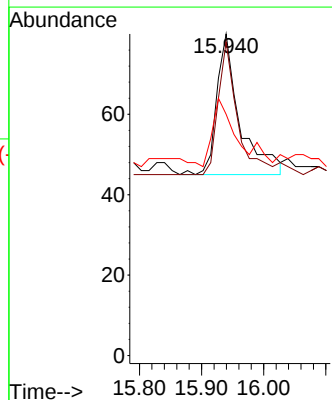
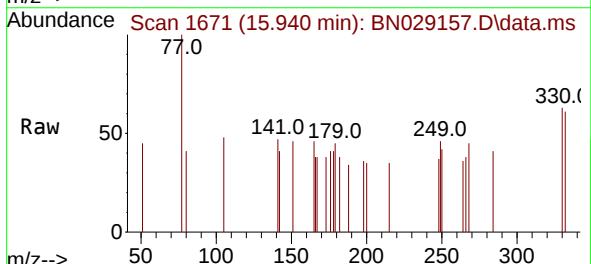
Instrument : BNA_N
ClientSampleId : TT-FRACSEDIMENT-IDWSO-20231207

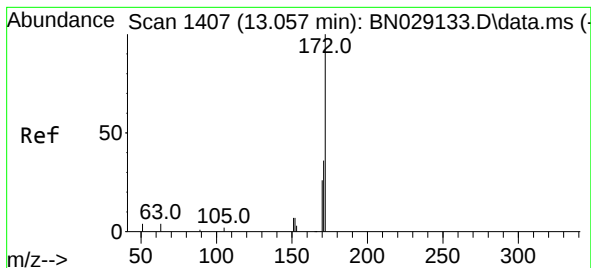
Tgt Ion:164 Resp: 895
Ion Ratio Lower Upper
164 100
162 116.9 85.0 127.4
160 55.4 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.116 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029157.D
Acq: 21 Dec 2023 19:08

Tgt Ion:330 Resp: 91
Ion Ratio Lower Upper
330 100
332 78.0 83.4 125.0#
141 42.9 43.8 65.8#





#15

2-Fluorobiphenyl

Concen: 0.243 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029157.D

Acq: 21 Dec 2023 19:08

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207

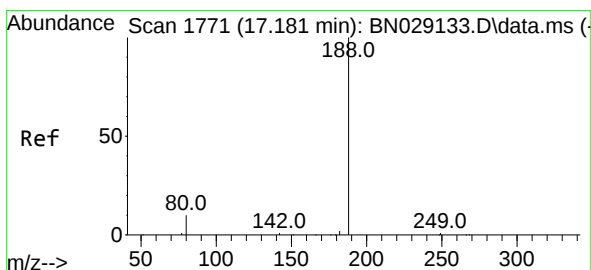
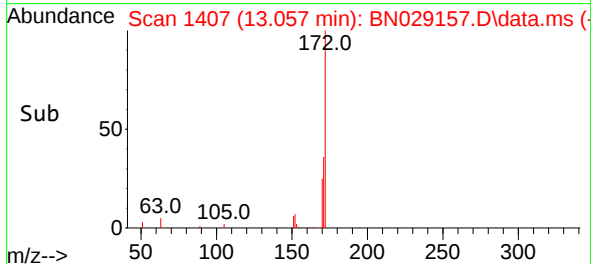
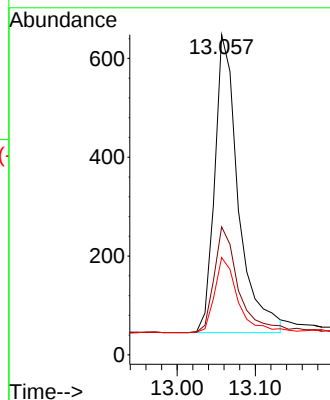
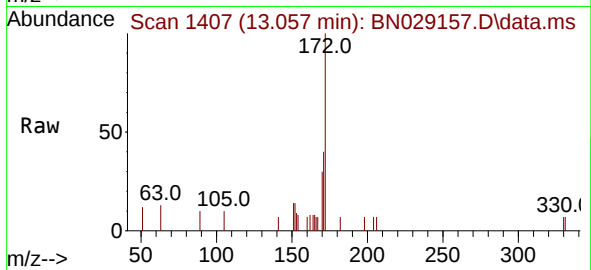
Tgt Ion:172 Resp: 1271

Ion Ratio Lower Upper

172 100

171 40.0 32.2 48.4

170 30.4 25.0 37.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN029157.D

Acq: 21 Dec 2023 19:08

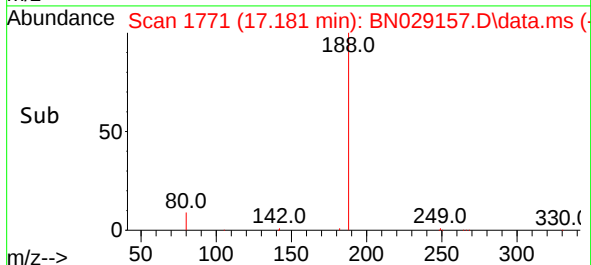
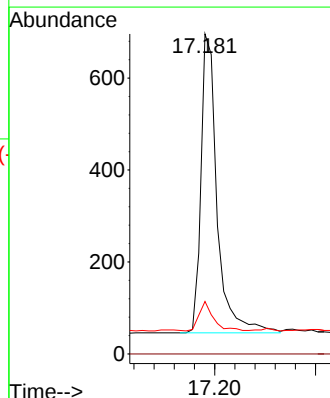
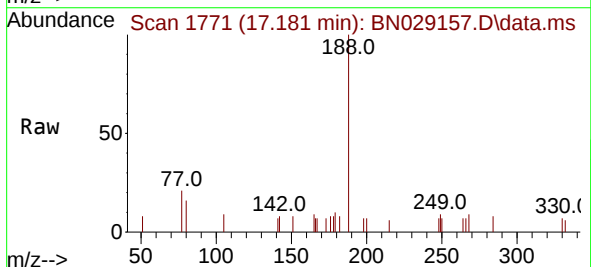
Tgt Ion:188 Resp: 1443

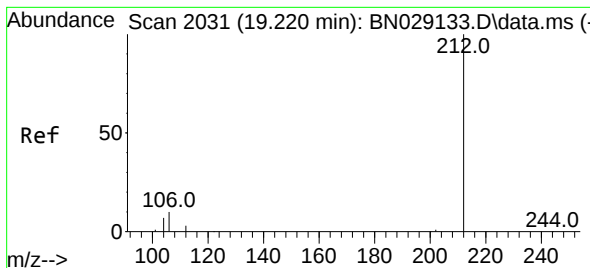
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.4 13.7 20.5





#27

Fluoranthene-d10

Concen: 0.207 ng

RT: 19.224 min Scan# 2031

Delta R.T. 0.004 min

Lab File: BN029157.D

Acq: 21 Dec 2023 19:08

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207

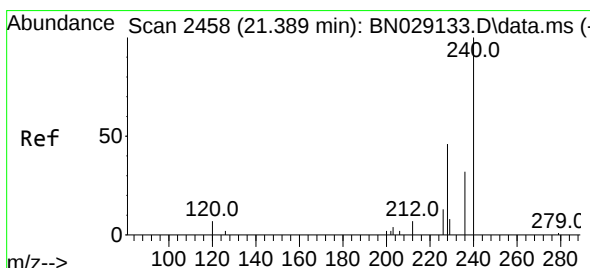
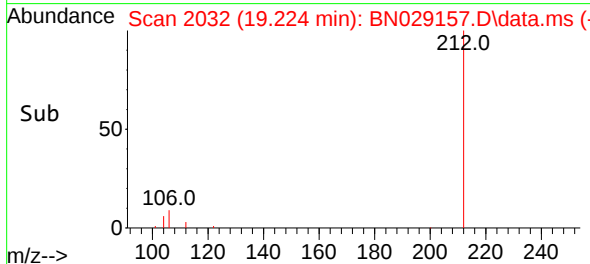
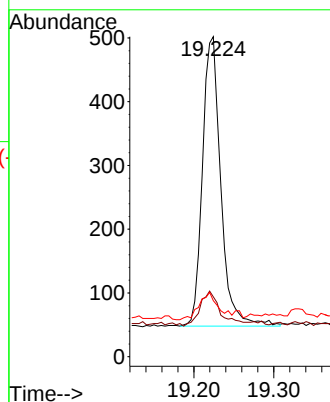
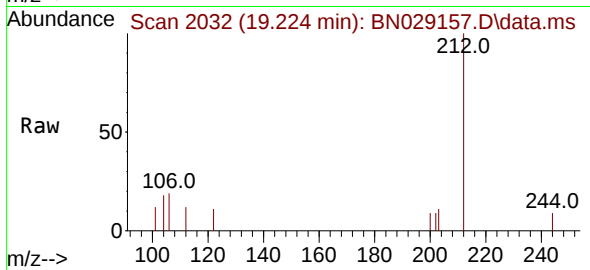
Tgt Ion:212 Resp: 723

Ion Ratio Lower Upper

212 100

106 13.6 9.6 14.4

104 9.8 6.5 9.7#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 2459

Delta R.T. 0.004 min

Lab File: BN029157.D

Acq: 21 Dec 2023 19:08

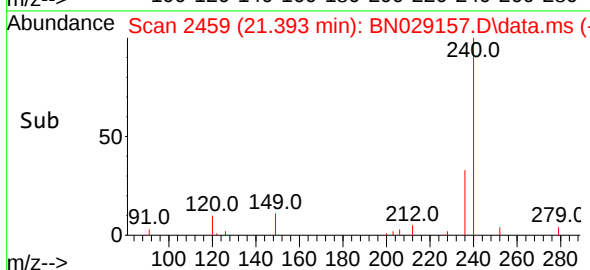
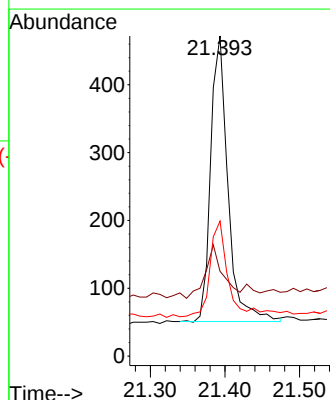
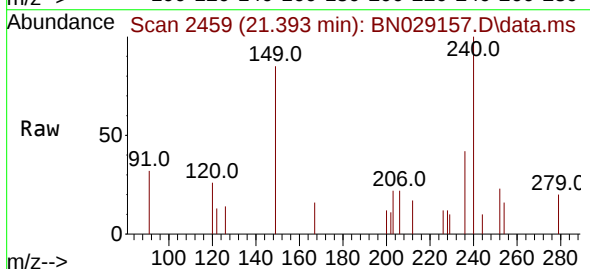
Tgt Ion:240 Resp: 675

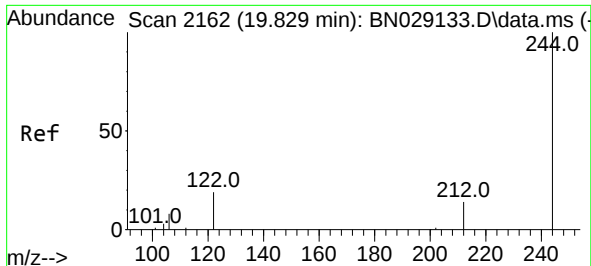
Ion Ratio Lower Upper

240 100

120 26.5 21.4 32.0

236 42.2 33.5 50.3

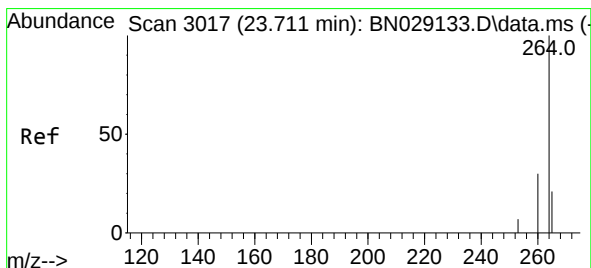
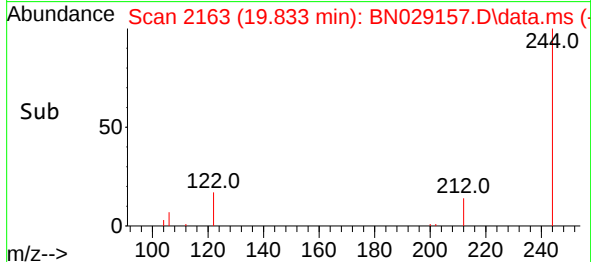
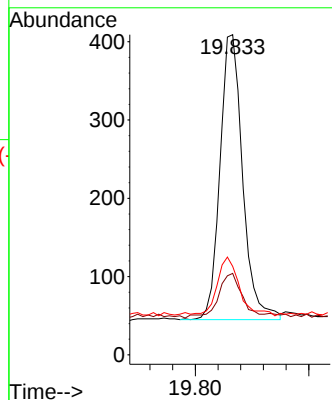
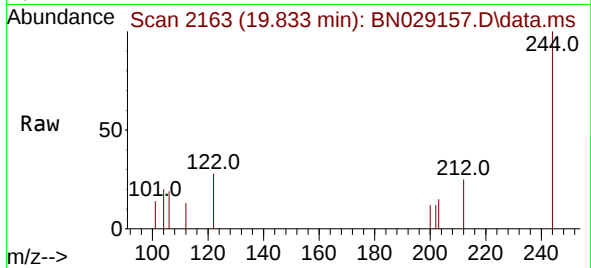




#31
 Terphenyl-d14
 Concen: 0.271 ng
 RT: 19.833 min Scan# 2163
 Delta R.T. 0.004 min
 Lab File: BN029157.D
 Acq: 21 Dec 2023 19:08

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Tgt Ion:244 Resp: 503
 Ion Ratio Lower Upper
 244 100
 212 25.4 19.0 28.6
 122 27.6 22.5 33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.715 min Scan# 3020
 Delta R.T. 0.004 min
 Lab File: BN029157.D
 Acq: 21 Dec 2023 19:08

Tgt Ion:264 Resp: 877
 Ion Ratio Lower Upper
 264 100
 260 34.1 31.0 46.6
 265 131.3 105.3 157.9

