

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013195.D
 Acq On : 17 Dec 2020 20:37
 Operator : CG/JU
 Sample : L5053-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20201209

Quant Time: Dec 18 03:05:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

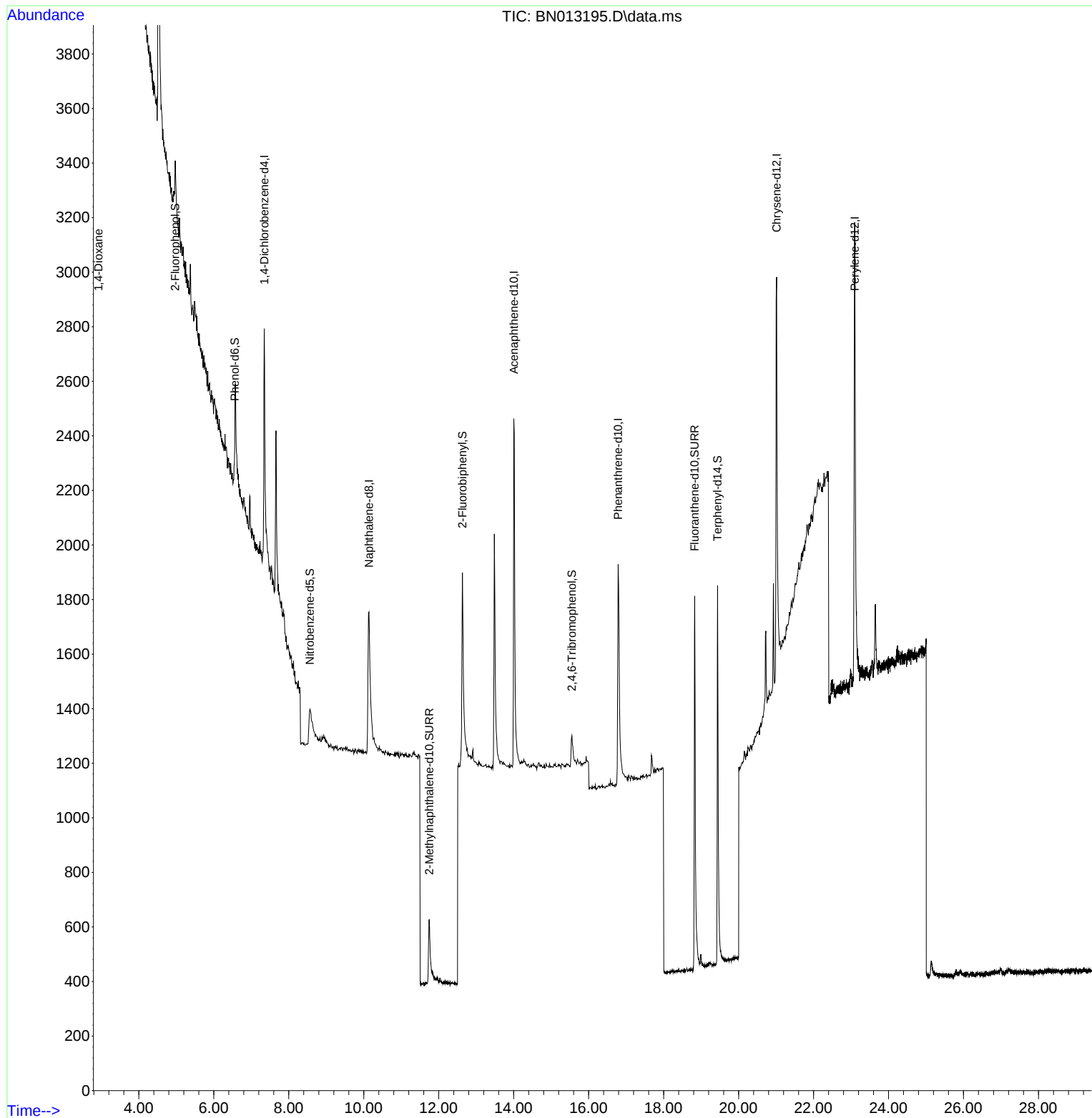
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	692	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1733	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1161	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2410	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	2526	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	2872	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	217	0.08	ng	0.00
5) Phenol-d6	6.557	99	116	0.04	ng	0.00
8) Nitrobenzene-d5	8.566	82	396	0.22	ng	0.05
11) 2-Methylnaphthalene-d10	11.746	152	735	0.24	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	161	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1157	0.24	ng	0.00
27) Fluoranthene-d10	18.828	212	2578	0.33	ng	0.00
31) Terphenyl-d14	19.439	244	2242	0.35	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	5005	4.15	ng	# 92

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

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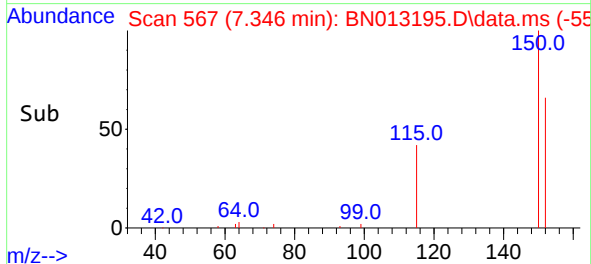
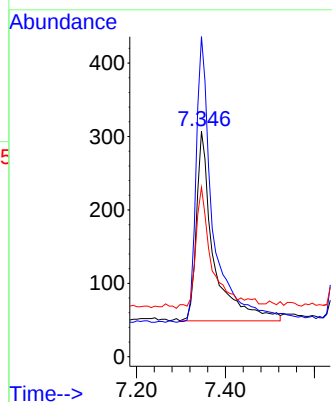
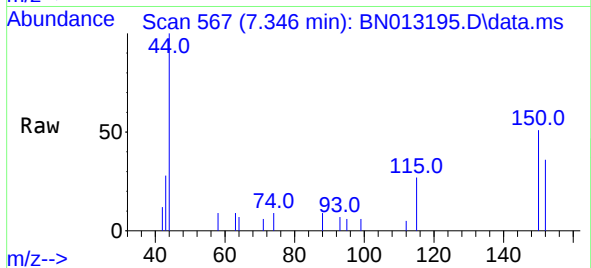


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Instrument :
BNA_N
ClientSampleId :
RE122D2-20201209

Tgt Ion:152 Resp: 692

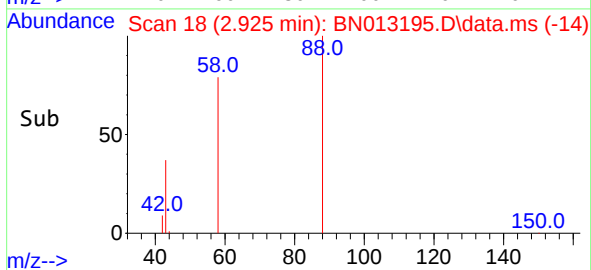
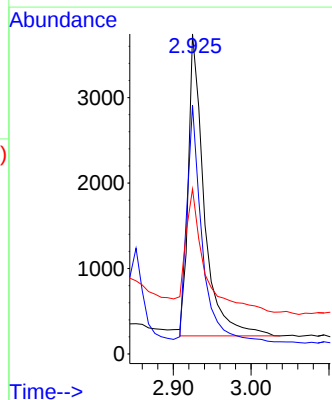
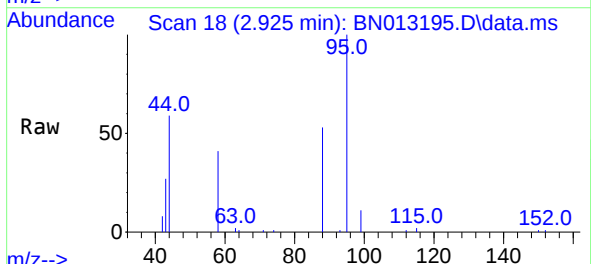
Ion	Ratio	Lower	Upper
152	100		
150	142.0	116.6	174.8
115	75.2	52.9	79.3



#2
1,4-Dioxane
Concen: 4.15 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 88 Resp: 5005

Ion	Ratio	Lower	Upper
88	100		
58	77.0	59.4	89.2
43	51.6	32.3	48.5

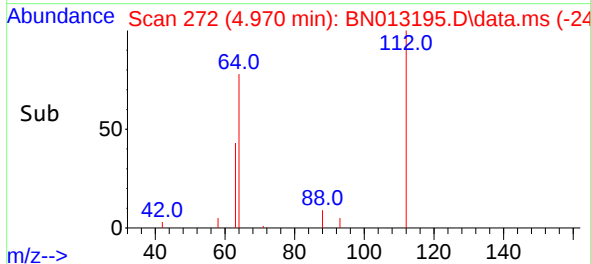
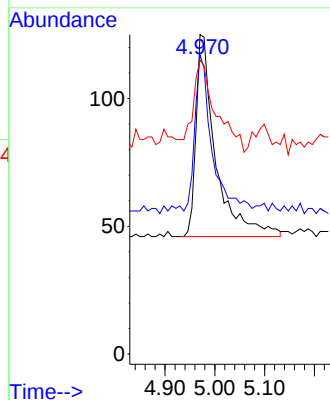
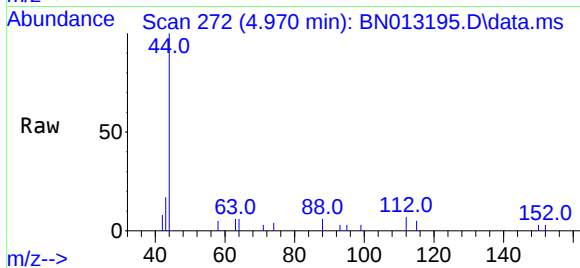




#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

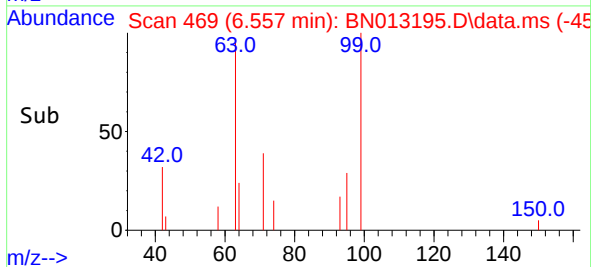
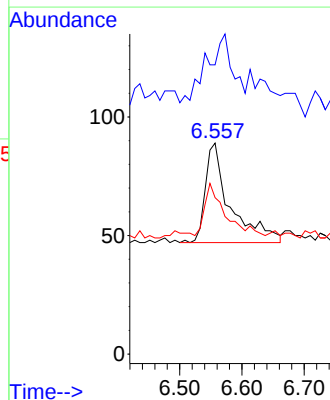
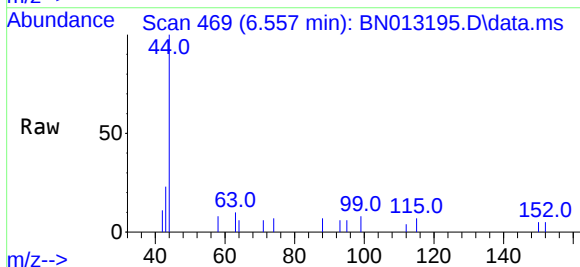
Instrument :
BNA_N
ClientSampleId :
RE122D2-20201209

Tgt Ion:112 Resp: 217
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 52.5 32.0 48.0#



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 99 Resp: 116
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 44.8 37.8 56.6



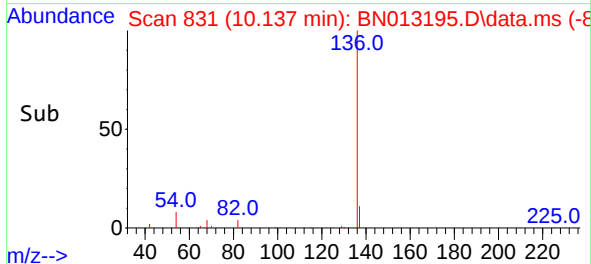
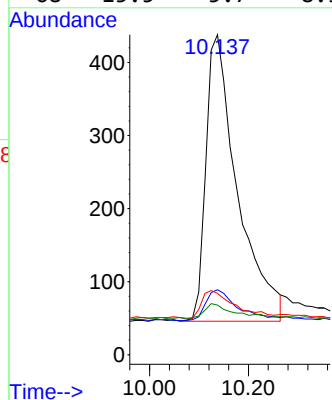
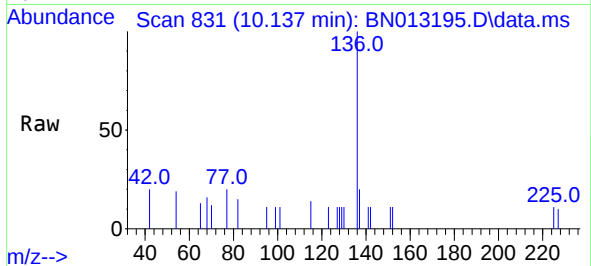


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Instrument :
BNA_N
ClientSampleId :
RE122D2-20201209

Tgt Ion: 136 Resp: 1733

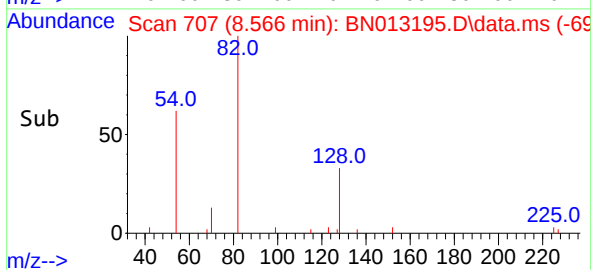
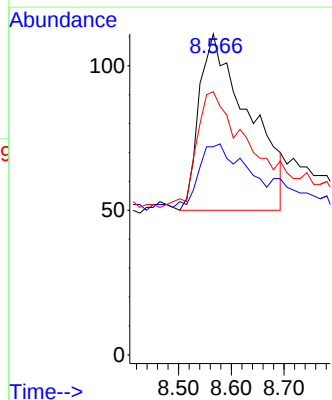
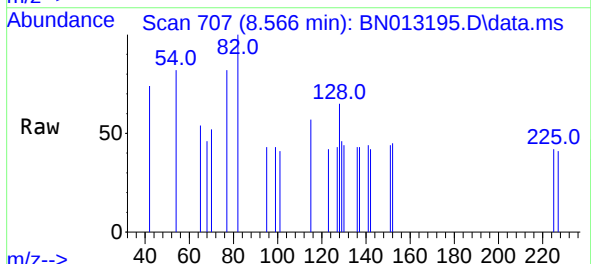
Ion	Ratio	Lower	Upper
136	100		
137	20.3	10.6	15.8#
54	19.2	8.6	12.8#
68	15.5	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.051 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 82 Resp: 396

Ion	Ratio	Lower	Upper
82	100		
128	64.9	30.6	46.0#
54	82.0	48.3	72.5#

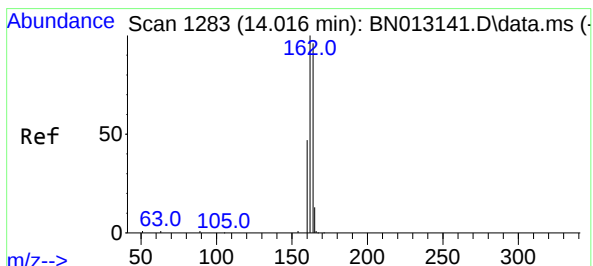
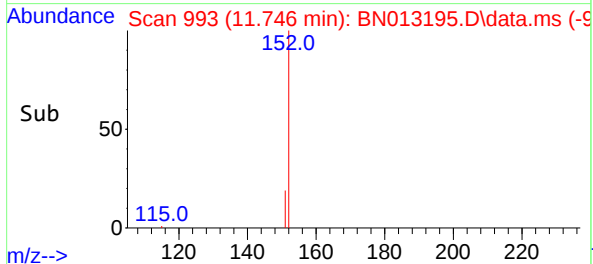
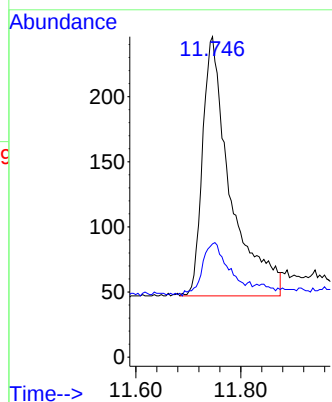
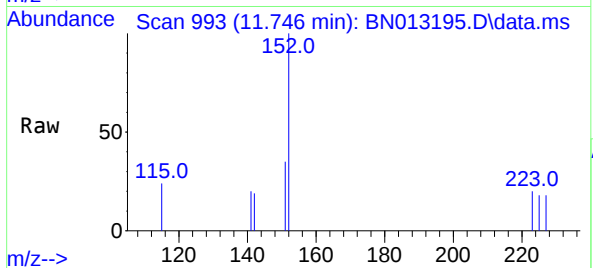




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

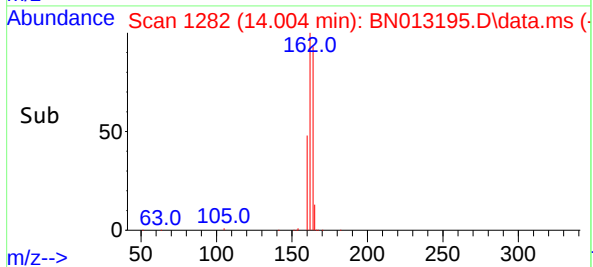
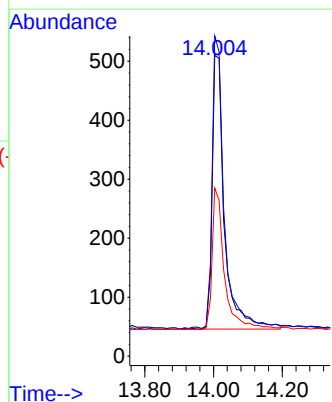
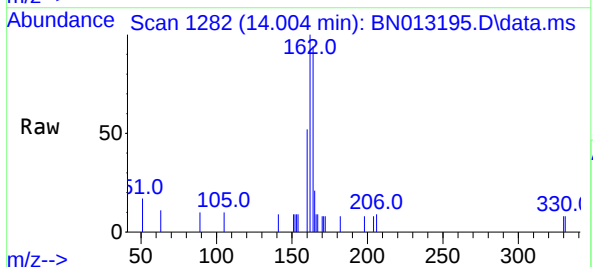
Instrument :
BNA_N
ClientSampleId :
RE122D2-20201209

Tgt Ion:152 Resp: 735
Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:164 Resp: 1161
Ion Ratio Lower Upper
164 100
162 106.5 80.6 120.8
160 55.9 39.5 59.3



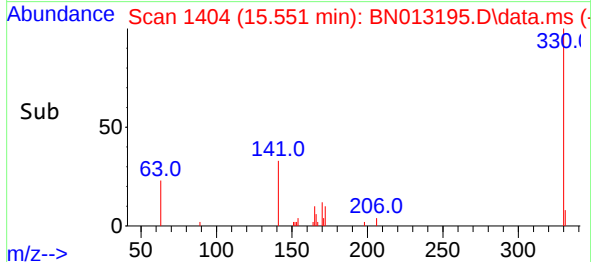
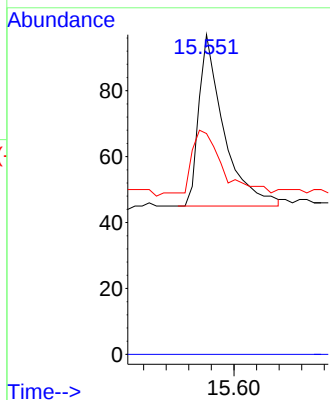
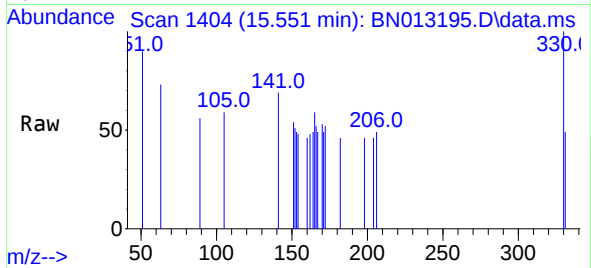


#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 330 Resp: 161

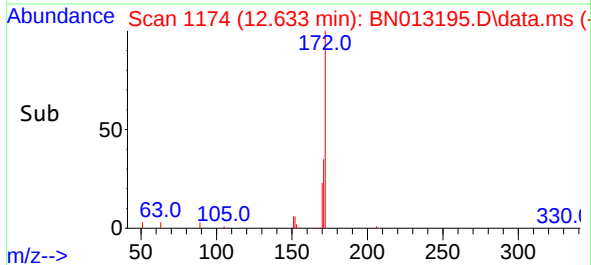
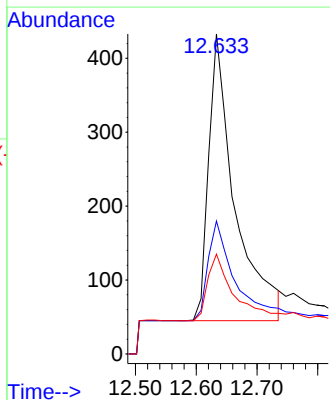
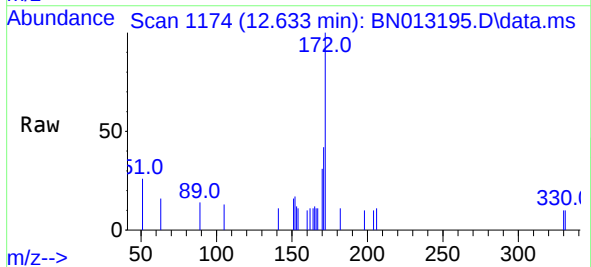
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.2	34.4	51.6

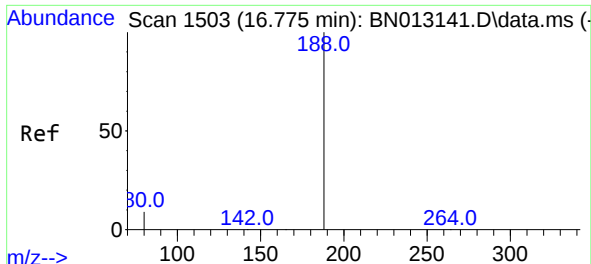


#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 172 Resp: 1157

Ion	Ratio	Lower	Upper
172	100		
171	41.6	28.2	42.4
170	31.2	20.0	30.0

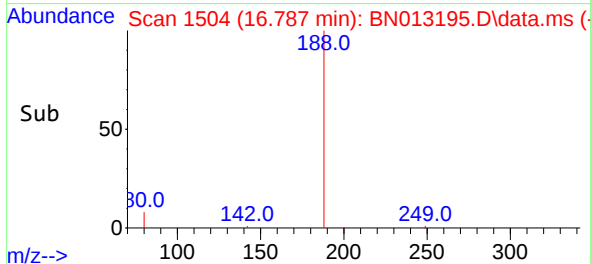
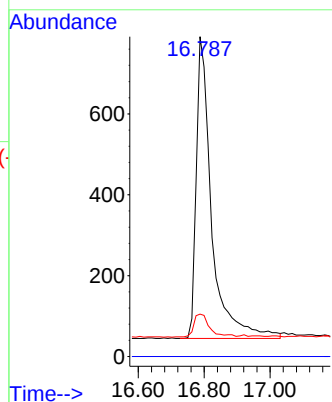
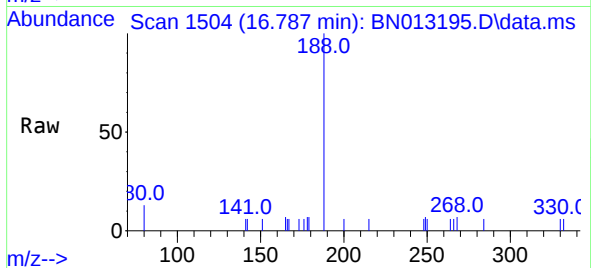




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

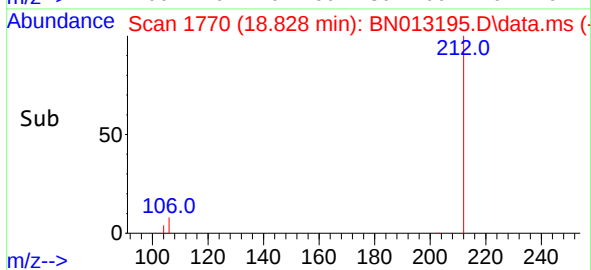
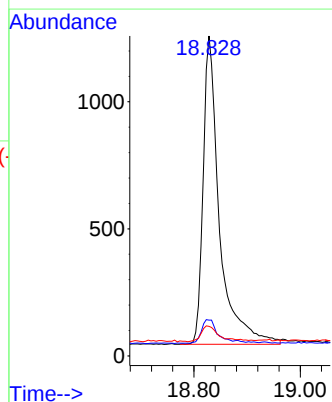
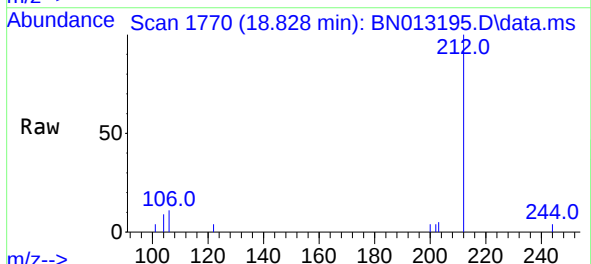
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Tgt Ion:188	Resp:	2410
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.3	7.4#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:212	Resp:	2578
Ion Ratio	Lower	Upper
212	100	
106	7.7	6.8
104	5.8	4.1

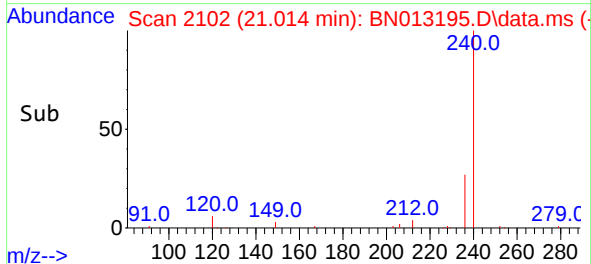
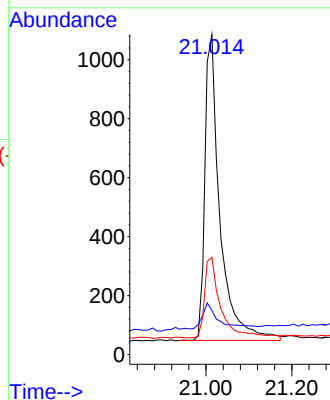
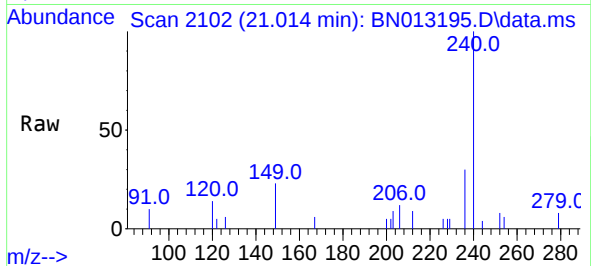




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

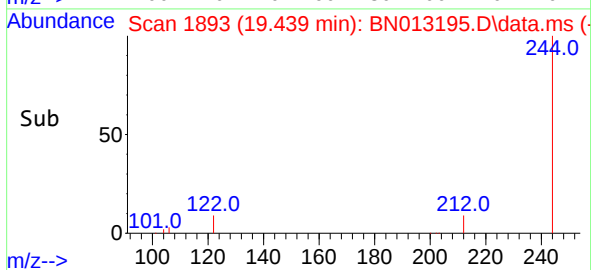
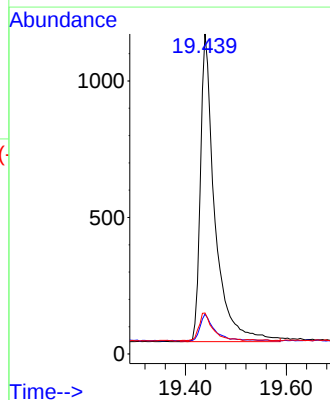
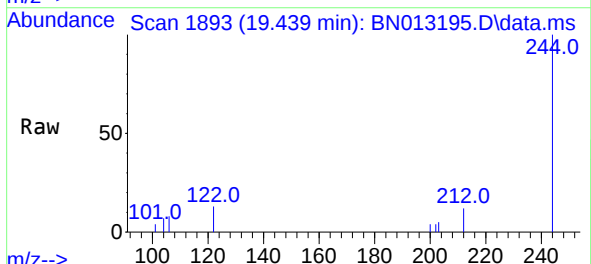
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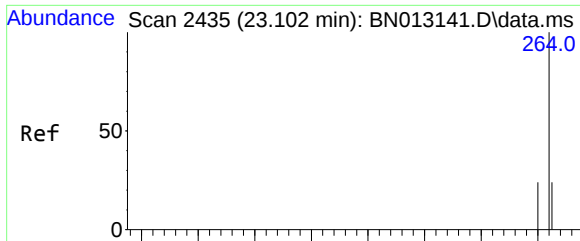
Tgt Ion:240 Resp: 2526
Ion Ratio Lower Upper
240 100
120 13.8 5.3 7.9#
236 30.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

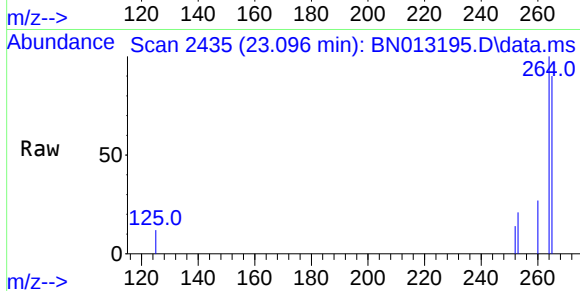
Tgt Ion:244 Resp: 2242
Ion Ratio Lower Upper
244 100
212 12.5 7.3 10.9#
122 12.8 7.3 10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.096 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 2872

Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.8	29.6
265	89.8	51.4	77.0#

