Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013150.D
Acq On : 16 Dec 2020 03:32
Operator : CG/JU
Sample : PB133530BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB133530BL

Quant Time: Dec 16 04:48:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 16:49:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.354	152	663	0.40	ng	# 0.00
7) Naphthalene-d8	10.163	136	2115	0.40	ng	# 0.05
13) Acenaphthene-d10	14.029	164	1430	0.40	ng	0.01
19) Phenanthrene-d10	16.800	188	2988	0.40	ng	# 0.02
29) Chrysene-d12	21.016	240	3243	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3987	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	832	0.31	ng	0.00
5) Phenol-d6	6.581	99	588	0.21	ng	0.02
8) Nitrobenzene-d5	8.591	82	560	0.26	ng	0.08
11) 2-Methylnaphthalene-d10	11.773	152	1255	0.34	ng	0.05
14) 2,4,6-Tribromophenol	15.577	330	180	0.20	ng	0.04
15) 2-Fluorobiphenyl	12.659	172	1457	0.24	ng	0.03
27) Fluoranthene-d10	18.836	212	3506	0.36	ng	0.00
31) Terphenyl-d14	19.446	244	2965	0.36	ng	0.00
Target Compounds						Qvalue

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

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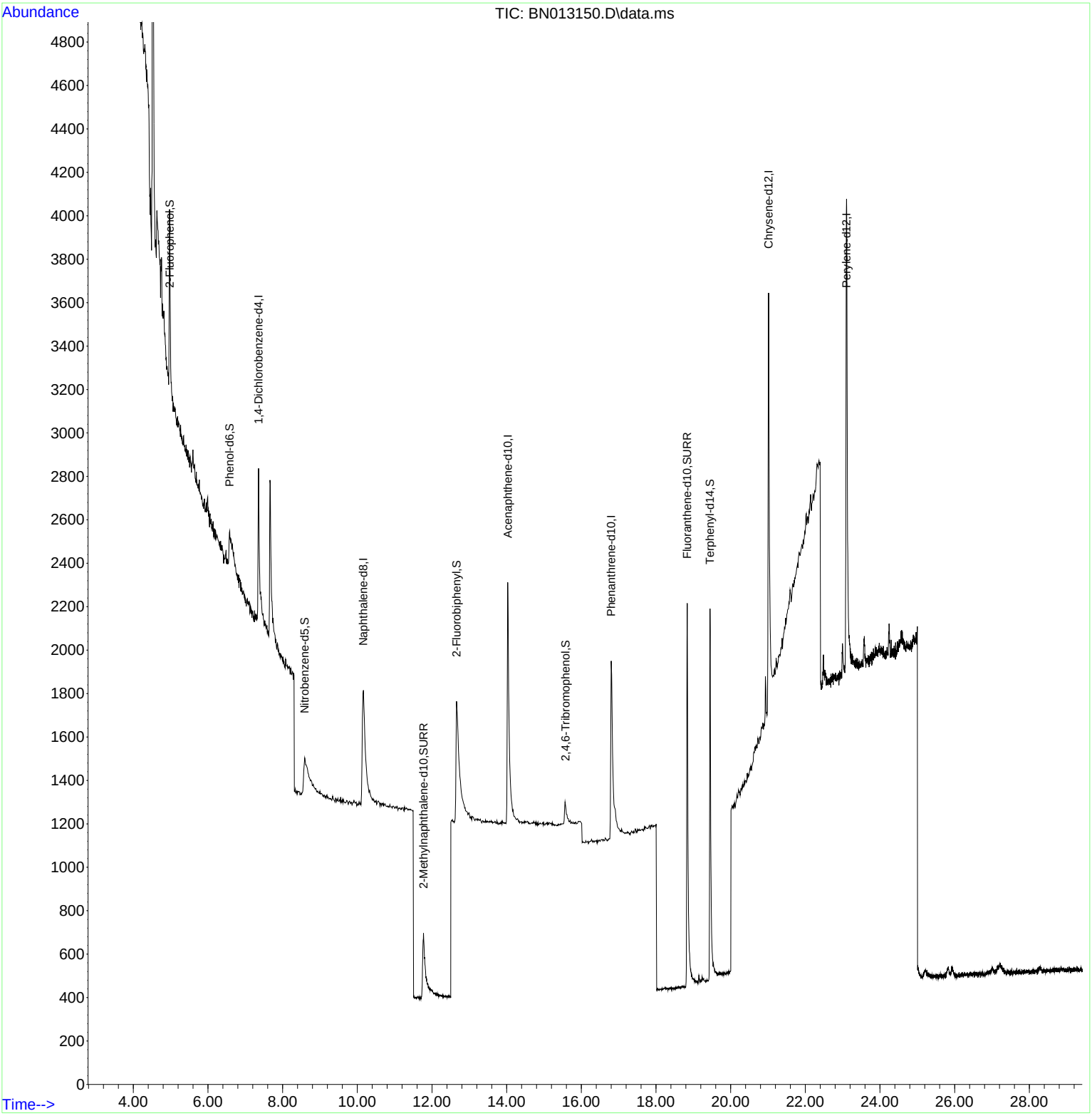
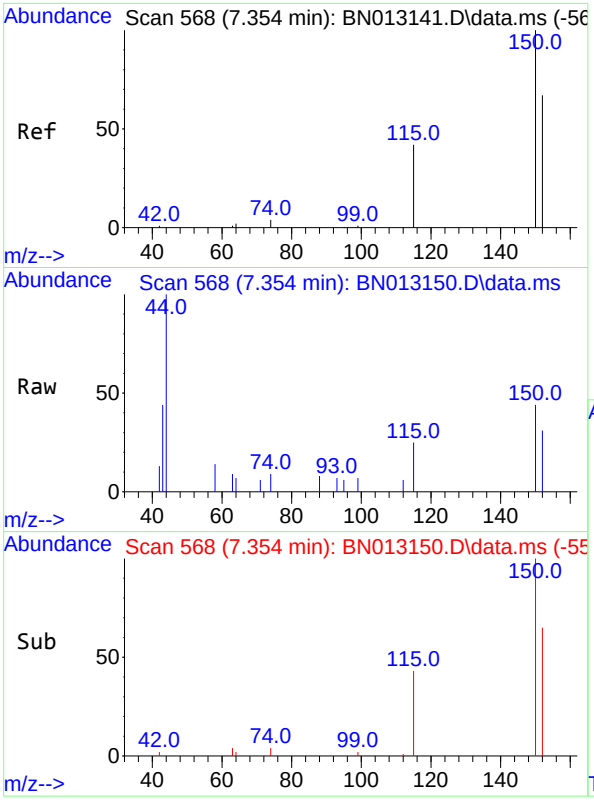


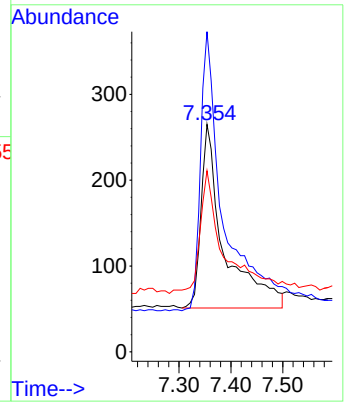
Instrument :
BNA_N
ClientSampleId :
PB133530BL

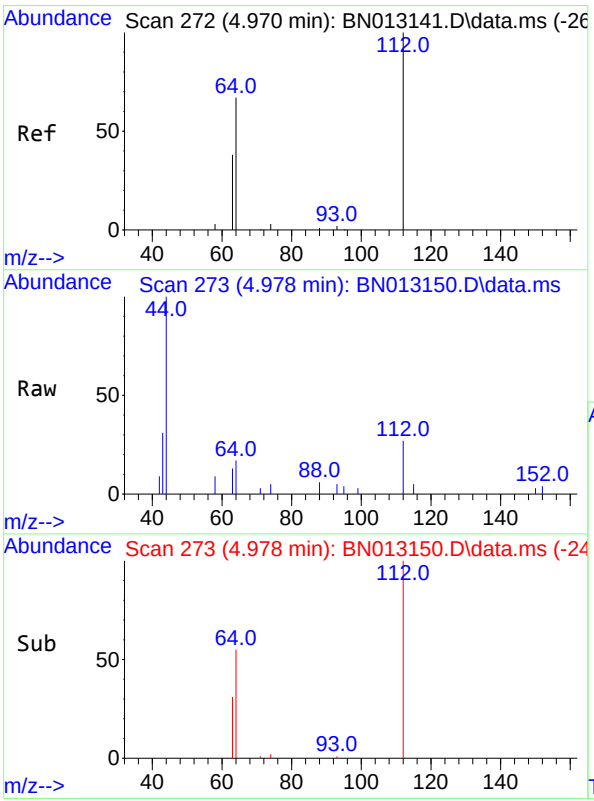


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:152 Resp: 663

Ion	Ratio	Lower	Upper
152	100		
150	140.8	116.6	174.8
115	79.6	52.9	79.3#

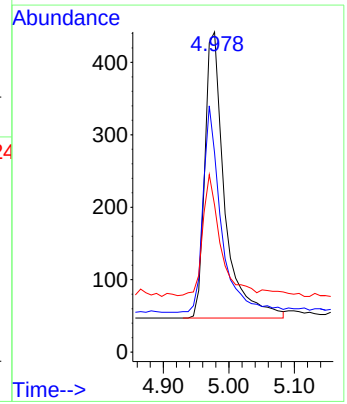




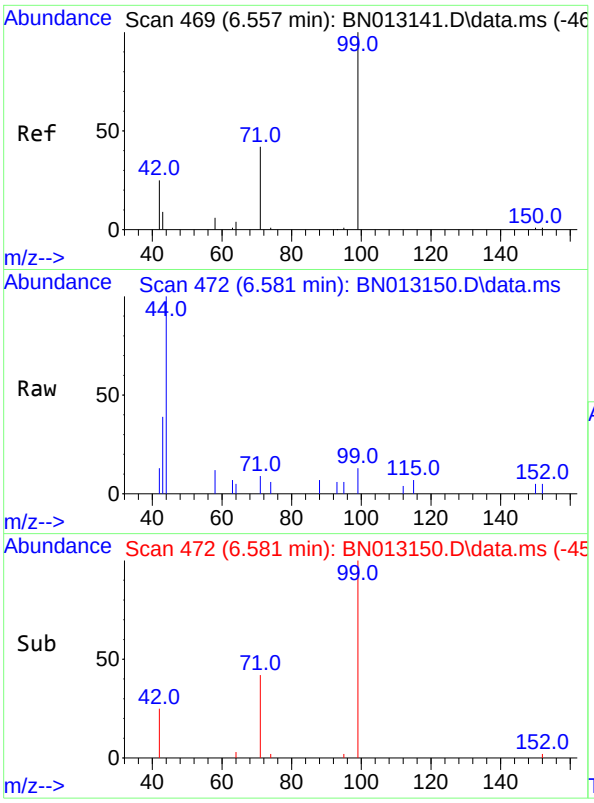
#4
2-Fluorophenol
Concen: 0.31 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:112 Resp: 832

Ion	Ratio	Lower	Upper
112	100		
64	65.6	49.5	74.3
63	37.1	32.0	48.0



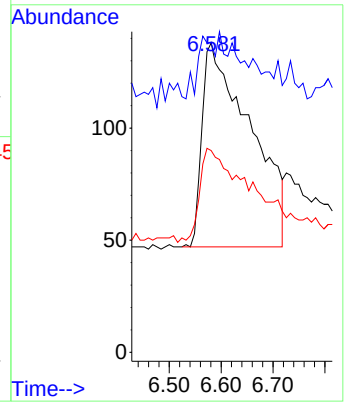
Instrument :
BNA_N
ClientSampleId :
PB133530BL

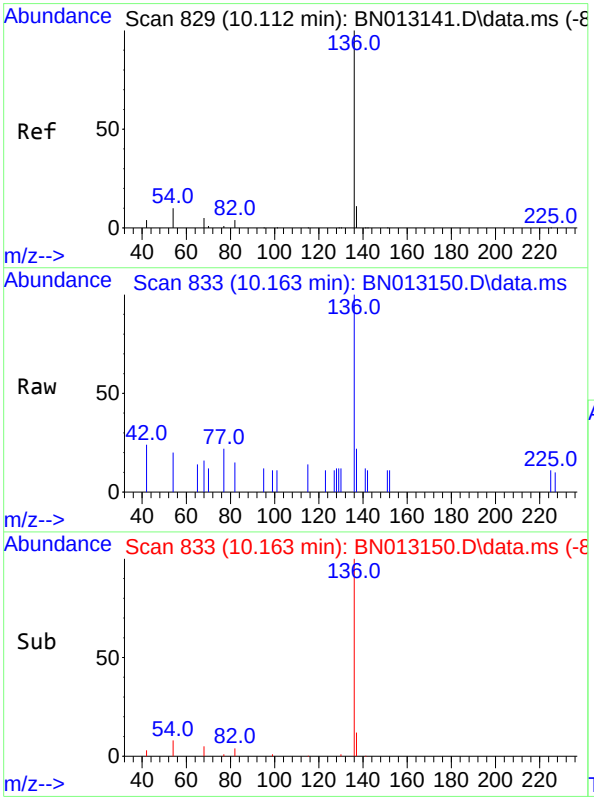


#5
Phenol-d6
Concen: 0.21 ng
RT: 6.581 min Scan# 472
Delta R.T. 0.024 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion: 99 Resp: 588

Ion	Ratio	Lower	Upper
99	100		
42	10.7	22.4	33.6#
71	49.1	37.8	56.6

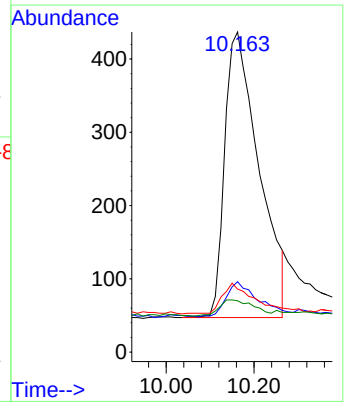




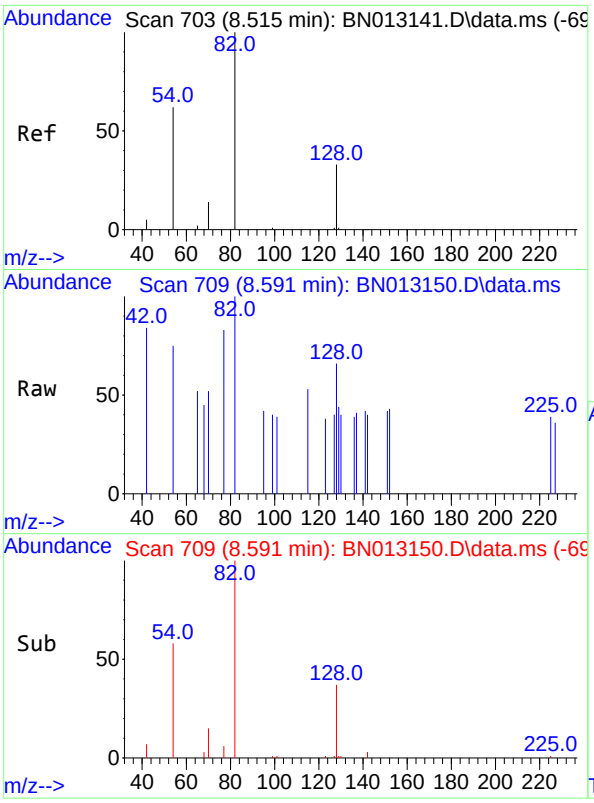
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.050 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:136 Resp: 2115

Ion	Ratio	Lower	Upper
136	100		
137	22.0	10.6	15.8#
54	19.7	8.6	12.8#
68	16.0	5.7	8.5#



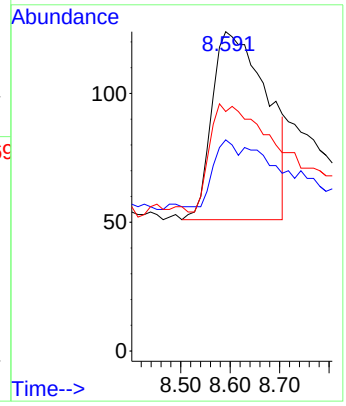
Instrument :
BNA_N
ClientSampleId :
PB133530BL

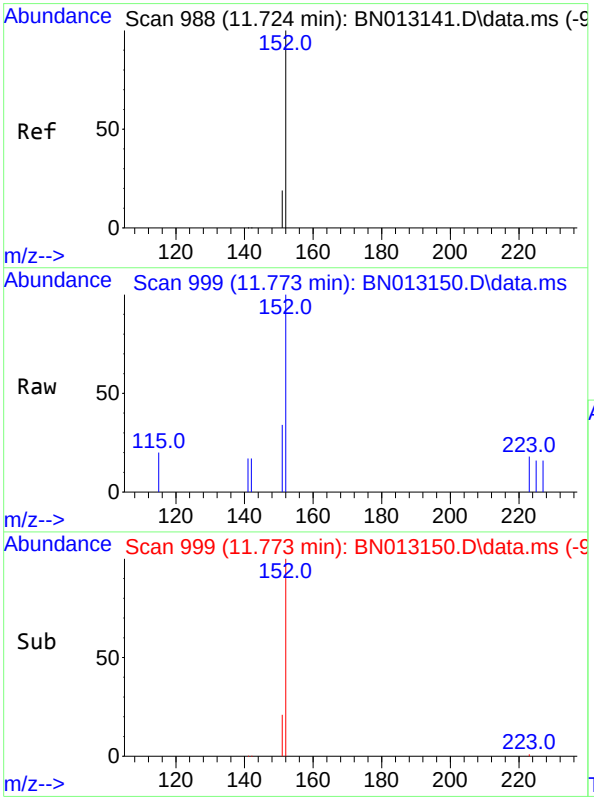


#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.076 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion: 82 Resp: 560

Ion	Ratio	Lower	Upper
82	100		
128	66.1	30.6	46.0#
54	75.0	48.3	72.5#

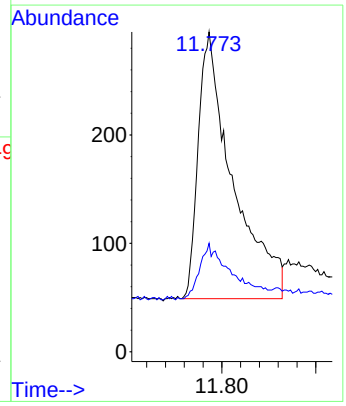




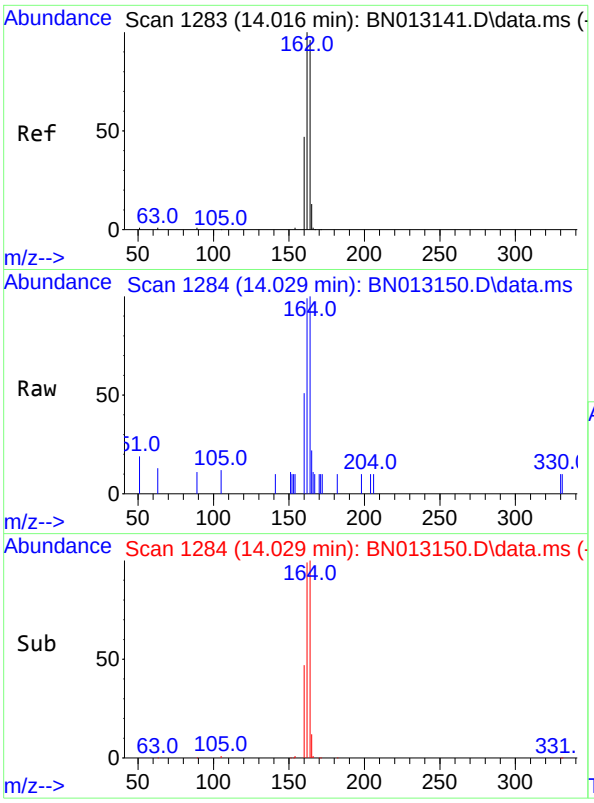
#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 11.773 min Scan# 999
Delta R.T. 0.049 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:152 Resp: 1255

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.7	25.1



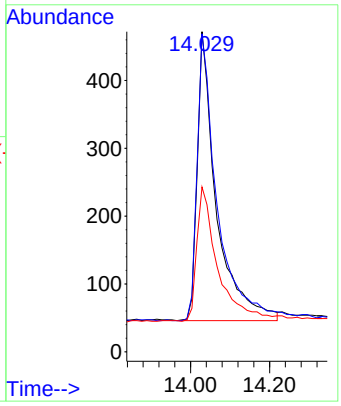
Instrument :
BNA_N
ClientSampleId :
PB133530BL

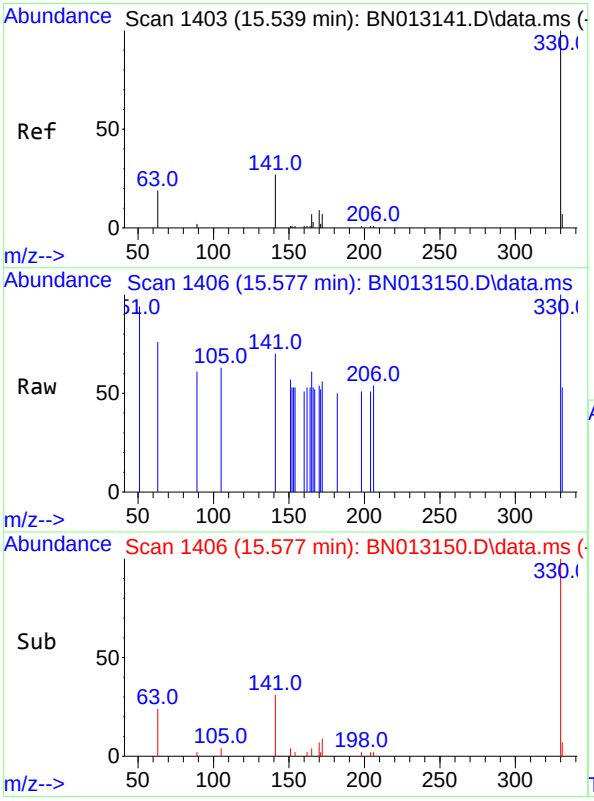


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.013 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:164 Resp: 1430

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	51.5	39.5	59.3

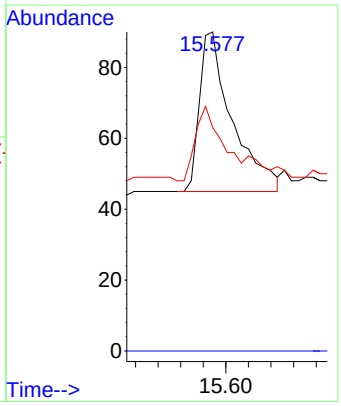




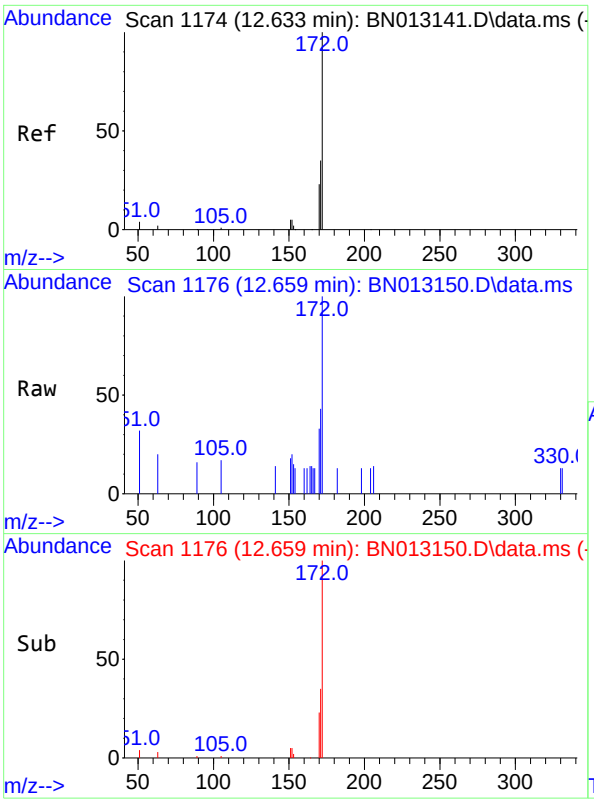
#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.577 min Scan# 1406
Delta R.T. 0.038 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:330 Resp: 180

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.6	34.4	51.6



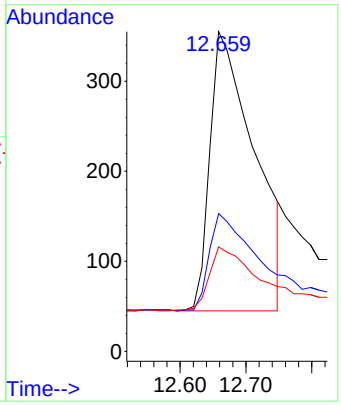
Instrument :
BNA_N
ClientSampleId :
PB133530BL

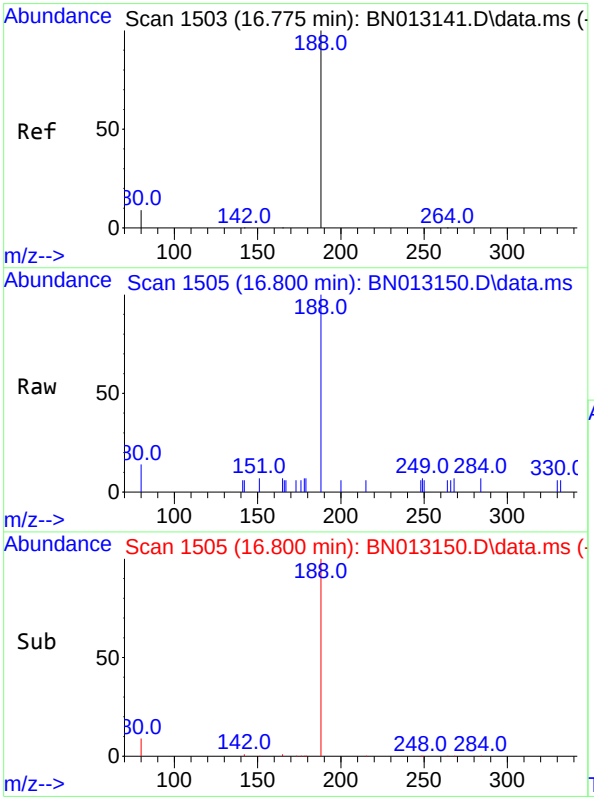


#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.659 min Scan# 1176
Delta R.T. 0.025 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:172 Resp: 1457

Ion	Ratio	Lower	Upper
172	100		
171	43.1	28.2	42.4#
170	32.7	20.0	30.0#

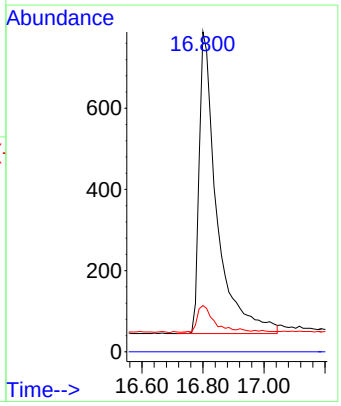




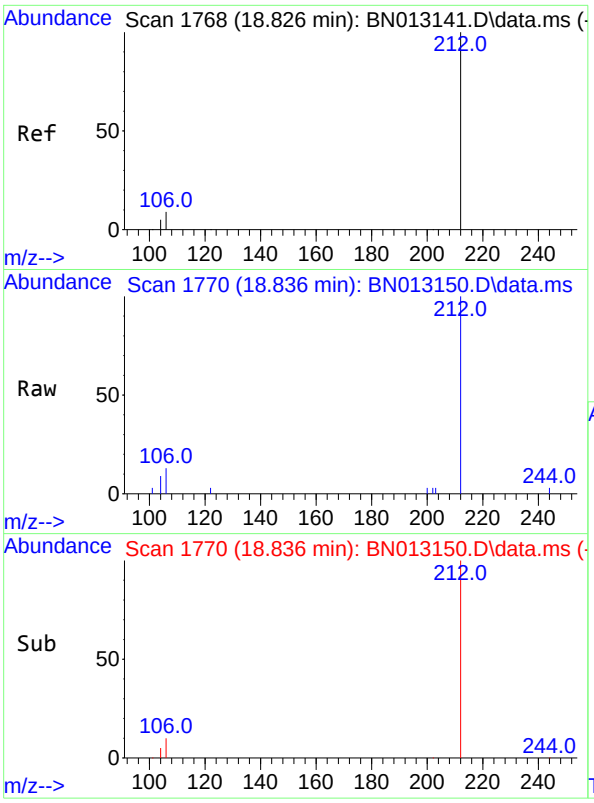
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.025 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:188 Resp: 2988

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	5.0	7.4#



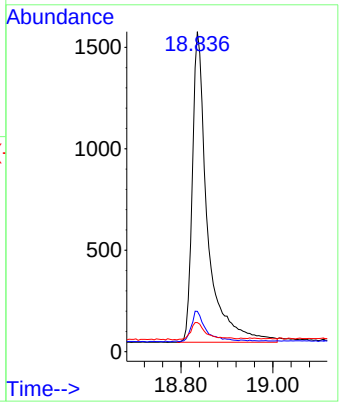
Instrument :
BNA_N
ClientSampleId :
PB133530BL

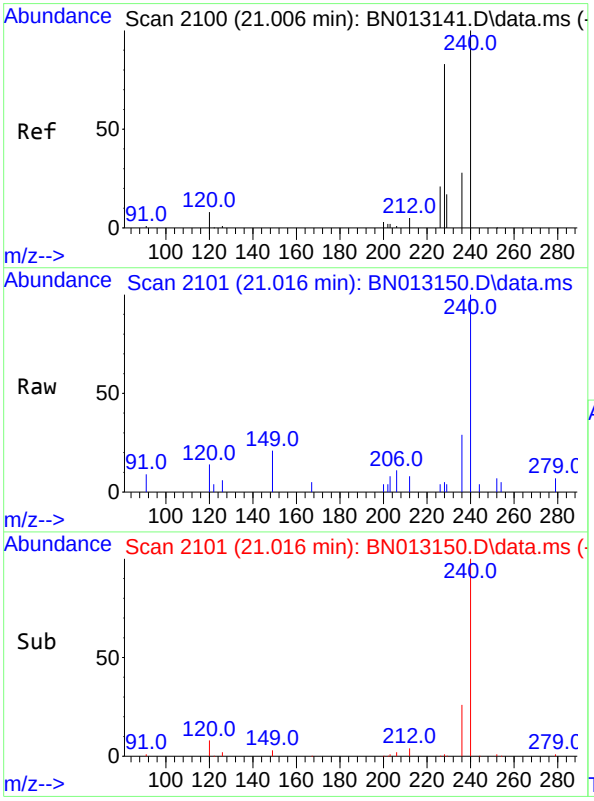


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.836 min Scan# 1770
Delta R.T. 0.010 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:212 Resp: 3506

Ion	Ratio	Lower	Upper
212	100		
106	9.4	6.8	10.2
104	5.9	4.1	6.1

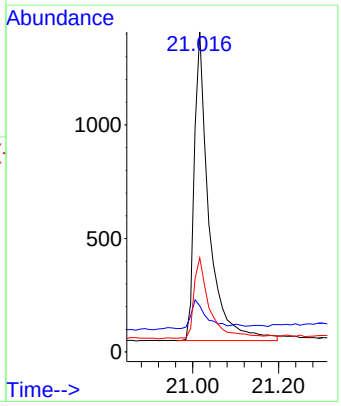




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.010 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:240 Resp: 3243

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.3	7.9#
236	29.5	21.8	32.8



Instrument :
BNA_N
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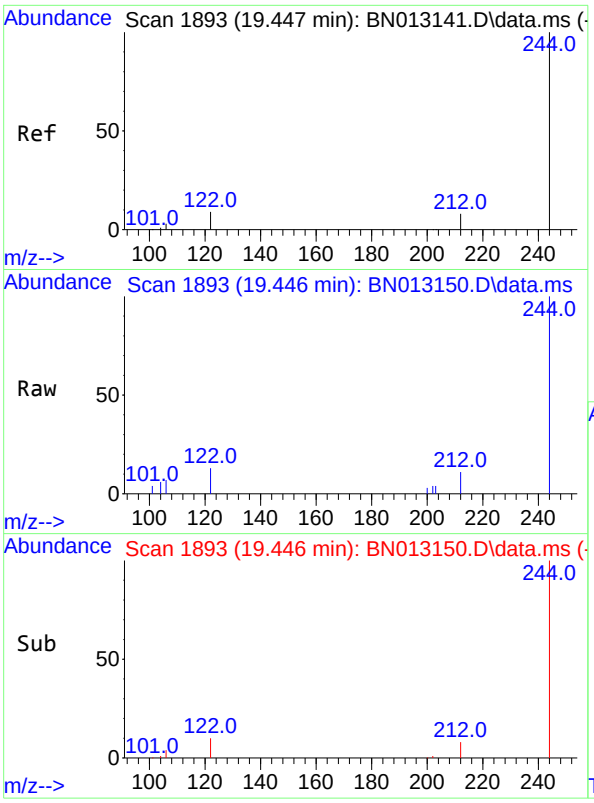
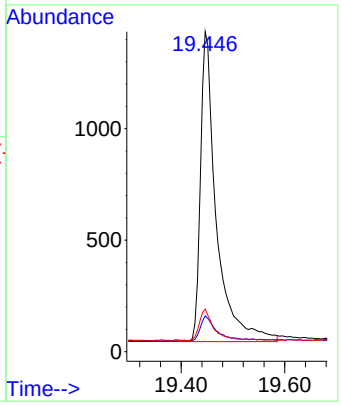
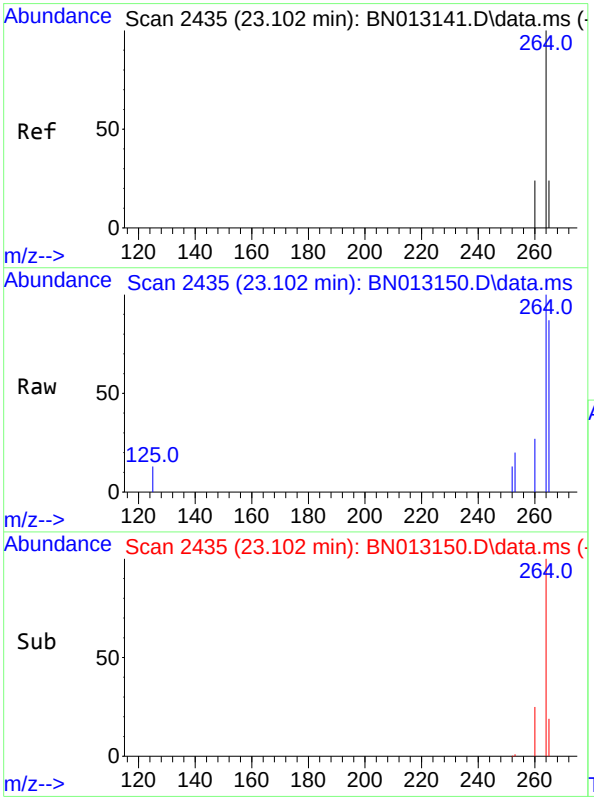


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.446 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:244 Resp: 2965

Ion	Ratio	Lower	Upper
244	100		
212	11.2	7.3	10.9#
122	13.3	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN013150.D
Acq: 16 Dec 2020 03:32

Tgt Ion:264 Resp: 3987

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.8	29.6
265	87.5	51.4	77.0#