Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013200.D
Acq On : 18 Dec 2020 02:05
Operator : CG/JU
Sample : PB133530BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB133530BL

Quant Time: Dec 18 03:29:07 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	7.354	152	564	0.40	ng	# 0.00
7) Naphthalene-d8	10.163	136	1613	0.40	ng	# 0.05
13) Acenaphthene-d10	14.029	164	1098	0.40	ng	0.03
19) Phenanthrene-d10	16.800	188	2360	0.40	ng	# 0.02
29) Chrysene-d12	21.016	240	2518	0.40	ng	# 0.01
36) Perylene-d12	23.095	264	2873	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	827	0.36	ng	0.00
5) Phenol-d6	6.581	99	426	0.18	ng	0.03
8) Nitrobenzene-d5	8.616	82	421	0.25	ng	0.10
11) 2-Methylnaphthalene-d10	11.764	152	888	0.31	ng	0.04
14) 2,4,6-Tribromophenol	15.564	330	155	0.22	ng	0.03
15) 2-Fluorobiphenyl	12.659	172	1220	0.26	ng	0.03
27) Fluoranthene-d10	18.831	212	2767	0.36	ng	0.00
31) Terphenyl-d14	19.441	244	2356	0.37	ng	0.00
Target Compounds						Qvalue

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

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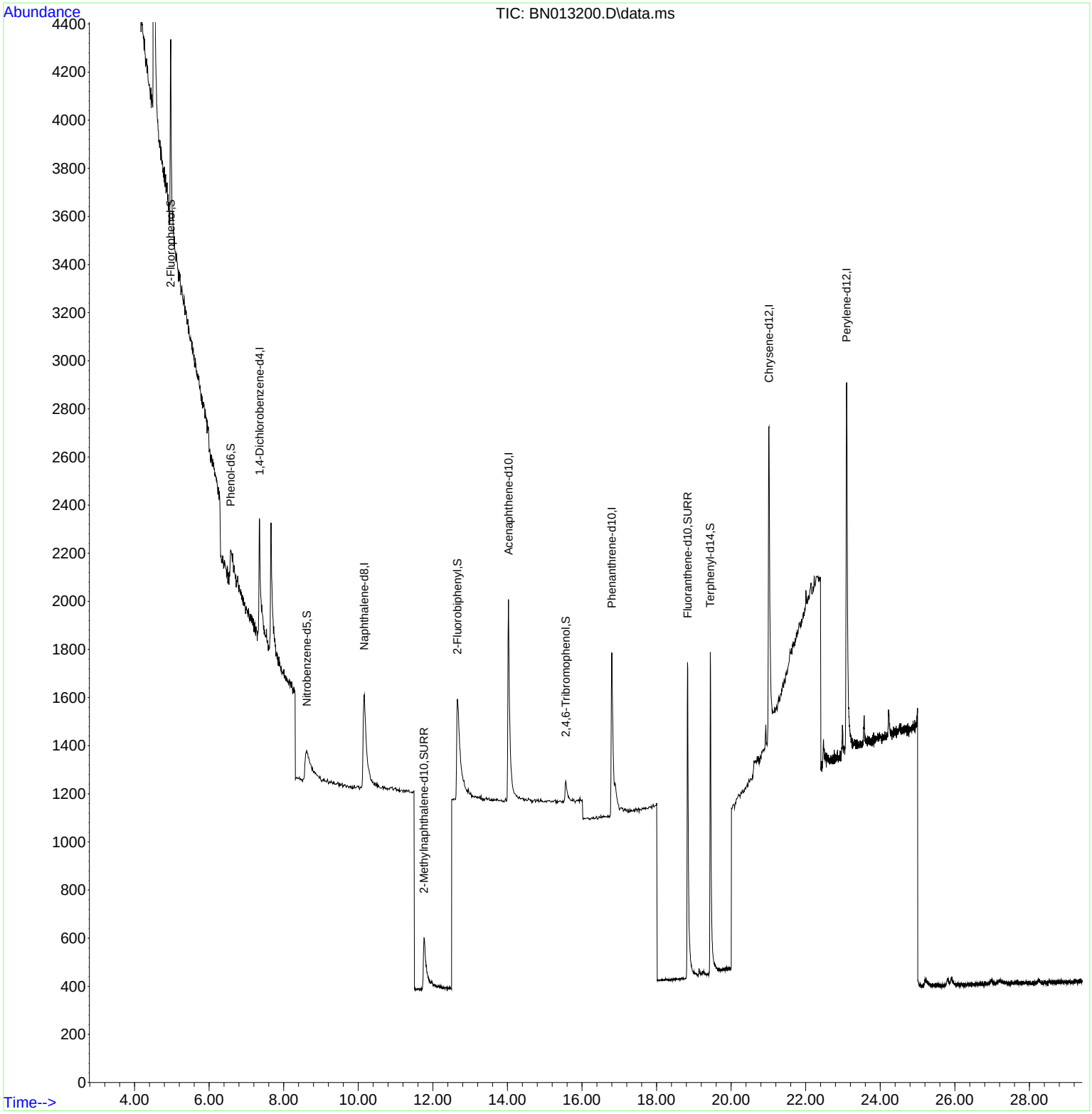
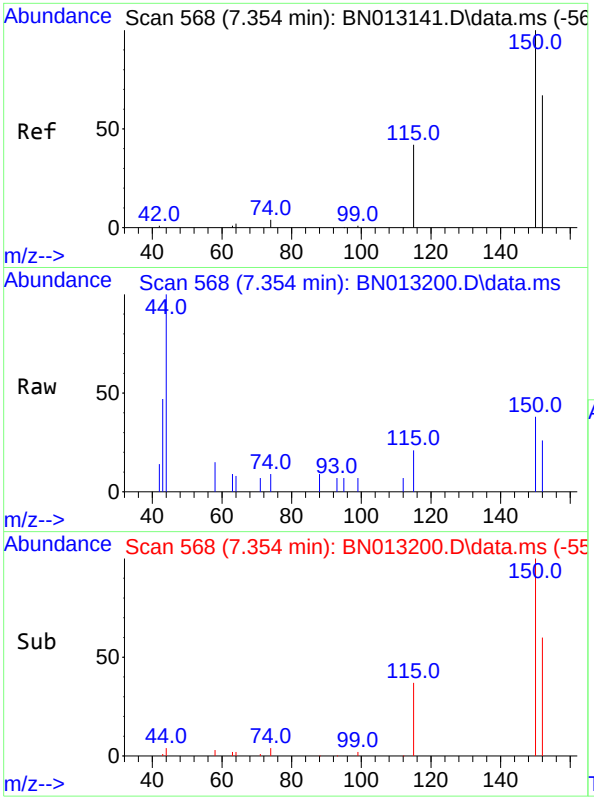
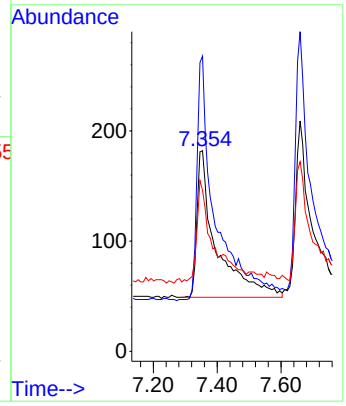




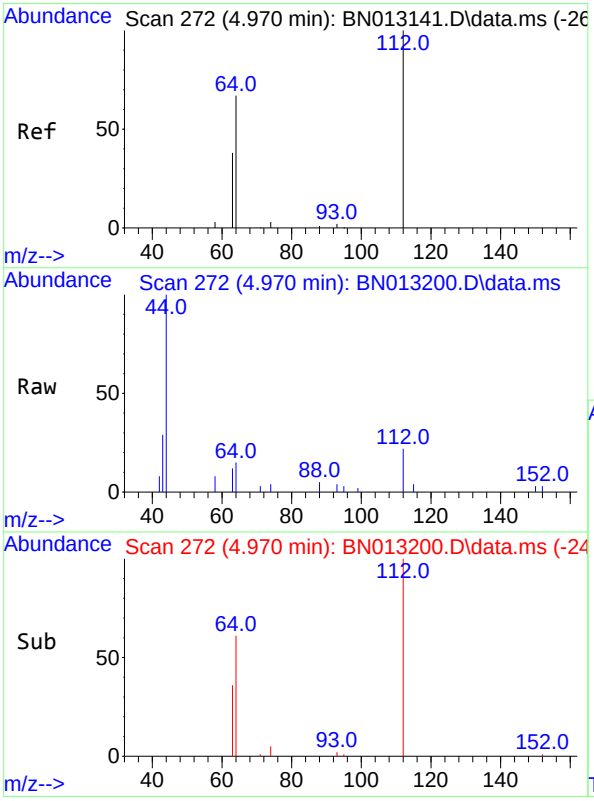
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.354 min Scan# 568
Delta R.T. 0.008 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:152 Resp: 564

Ion	Ratio	Lower	Upper
152	100		
150	147.3	116.6	174.8
115	80.2	52.9	79.3#



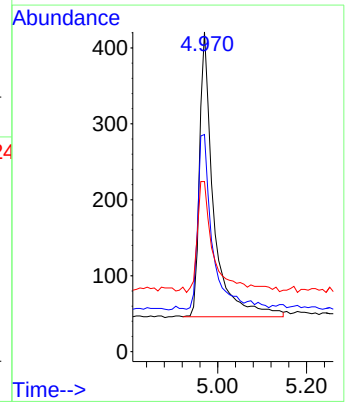
Instrument :
BNA_N
ClientSampleId :
PB133530BL



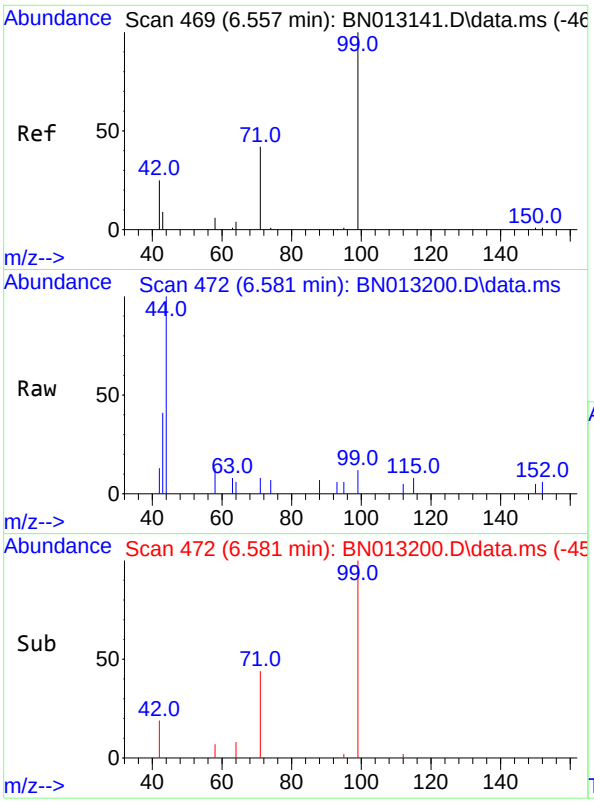
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 4.970 min Scan# 272
Delta R.T. -0.000 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:112 Resp: 827

Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.5	74.3
63	39.7	32.0	48.0



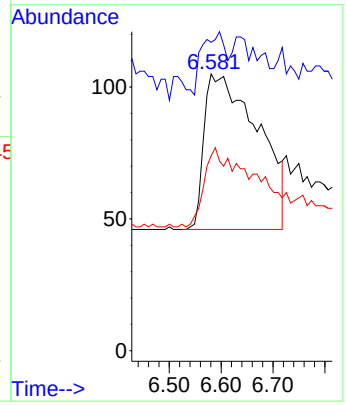
Instrument :
BNA_N
ClientSampleId :
PB133530BL

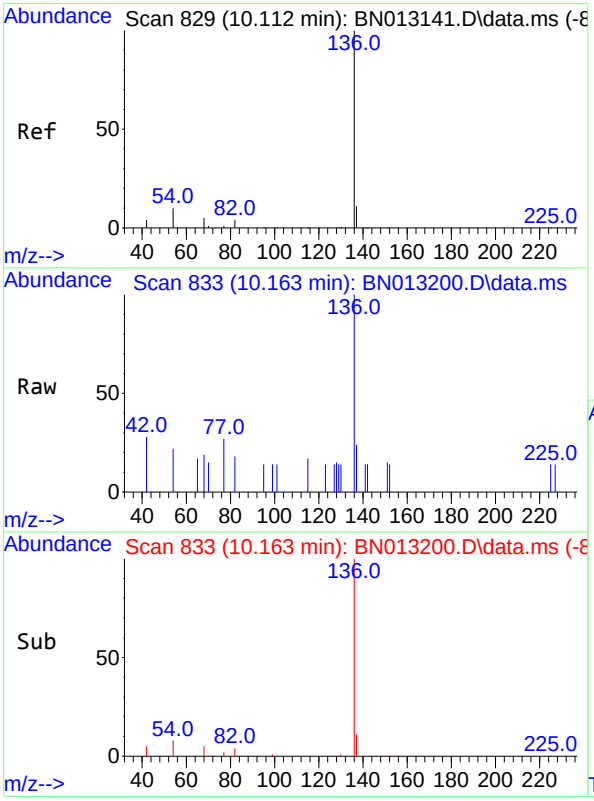


#5
Phenol-d6
Concen: 0.18 ng
RT: 6.581 min Scan# 472
Delta R.T. 0.032 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion: 99 Resp: 426

Ion	Ratio	Lower	Upper
99	100		
42	16.4	22.4	33.6#
71	47.2	37.8	56.6

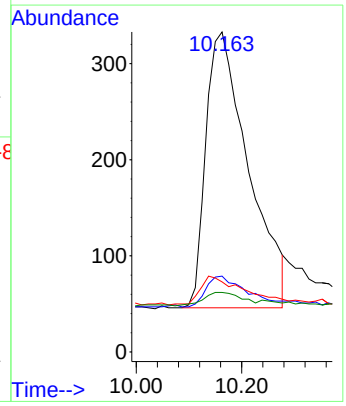




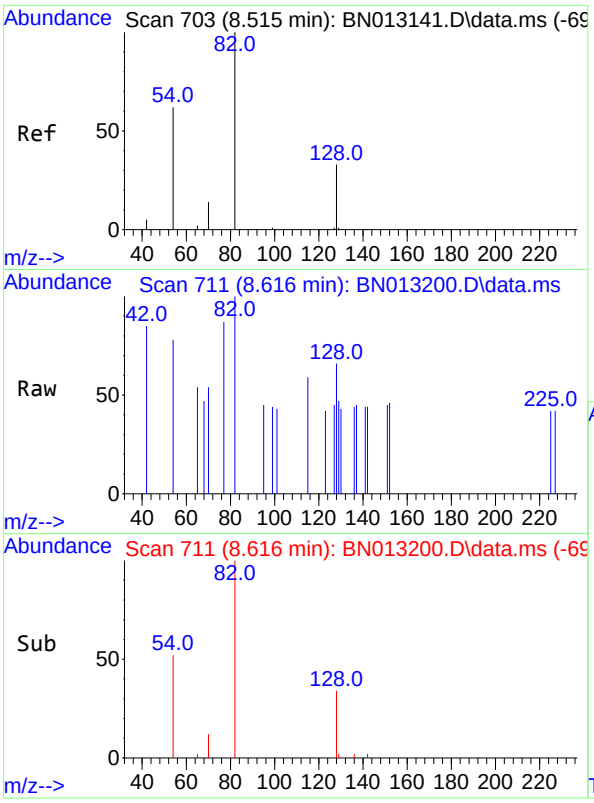
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.163 min Scan# 833
Delta R.T. 0.051 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:136 Resp: 1613

Ion	Ratio	Lower	Upper
136	100		
137	23.7	10.6	15.8#
54	21.9	8.6	12.8#
68	18.6	5.7	8.5#



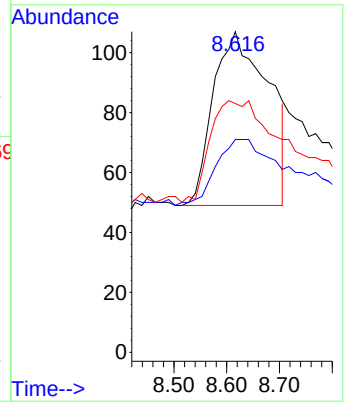
Instrument :
BNA_N
ClientSampleId :
PB133530BL

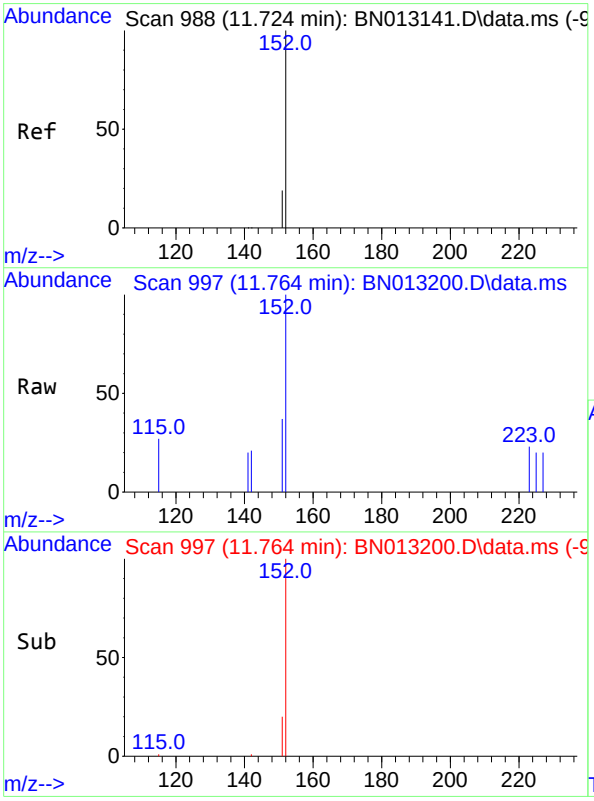


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.616 min Scan# 711
Delta R.T. 0.101 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion: 82 Resp: 421

Ion	Ratio	Lower	Upper
82	100		
128	66.4	30.6	46.0#
54	77.6	48.3	72.5#

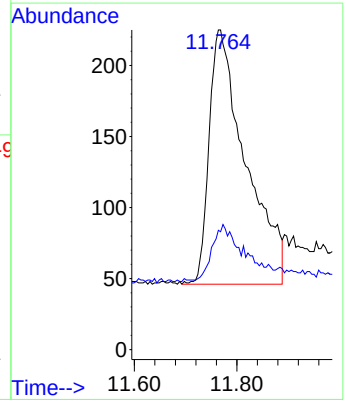




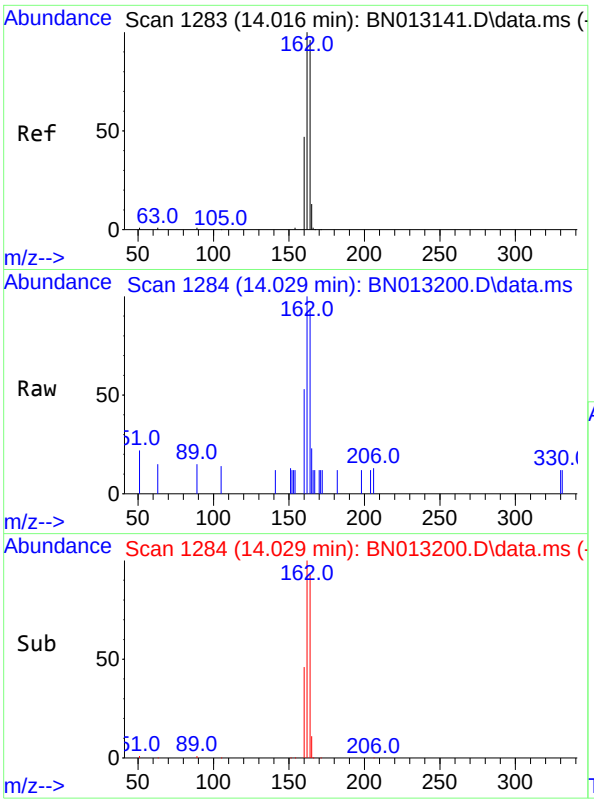
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 11.764 min Scan# 997
Delta R.T. 0.036 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:152 Resp: 888

Ion	Ratio	Lower	Upper
152	100		
151	13.3	16.7	25.1#



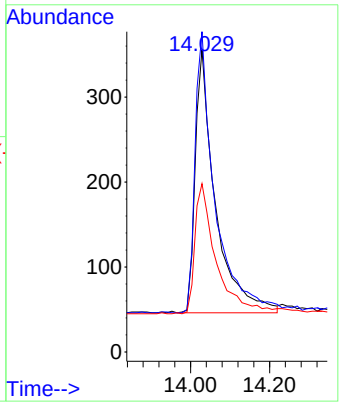
Instrument :
BNA_N
ClientSampleId :
PB133530BL

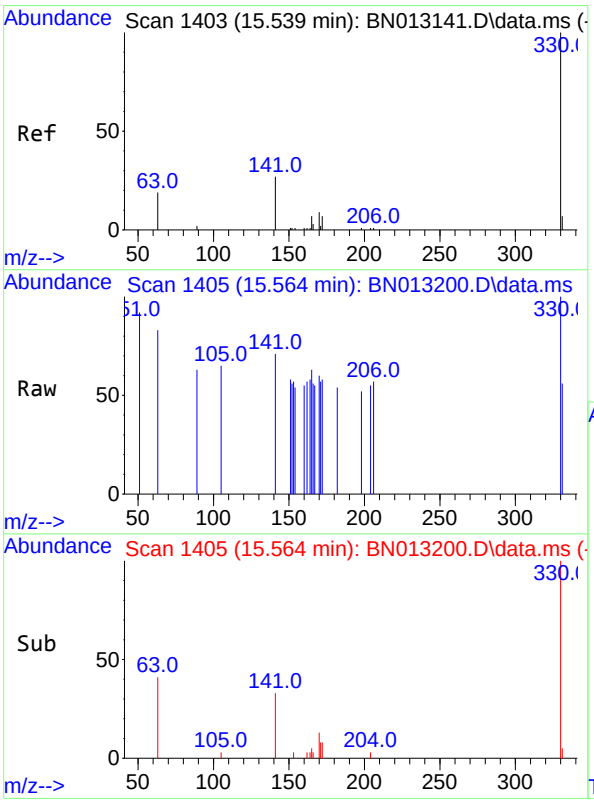


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:164 Resp: 1098

Ion	Ratio	Lower	Upper
164	100		
162	105.9	80.6	120.8
160	55.6	39.5	59.3

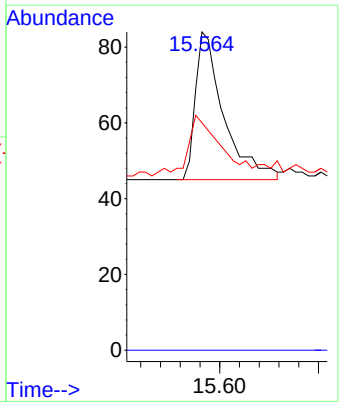




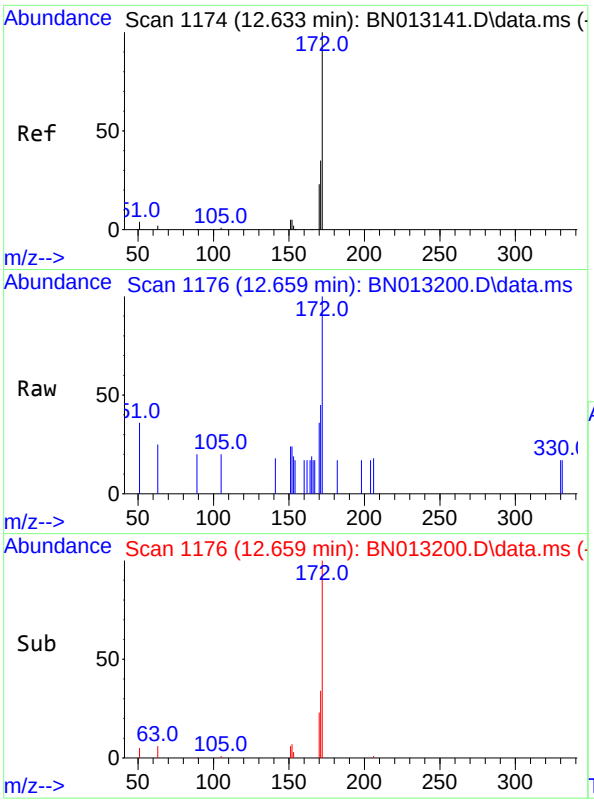
#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:330 Resp: 155

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	34.4	51.6



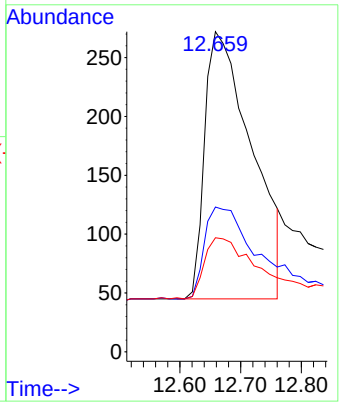
Instrument :
BNA_N
ClientSampleId :
PB133530BL

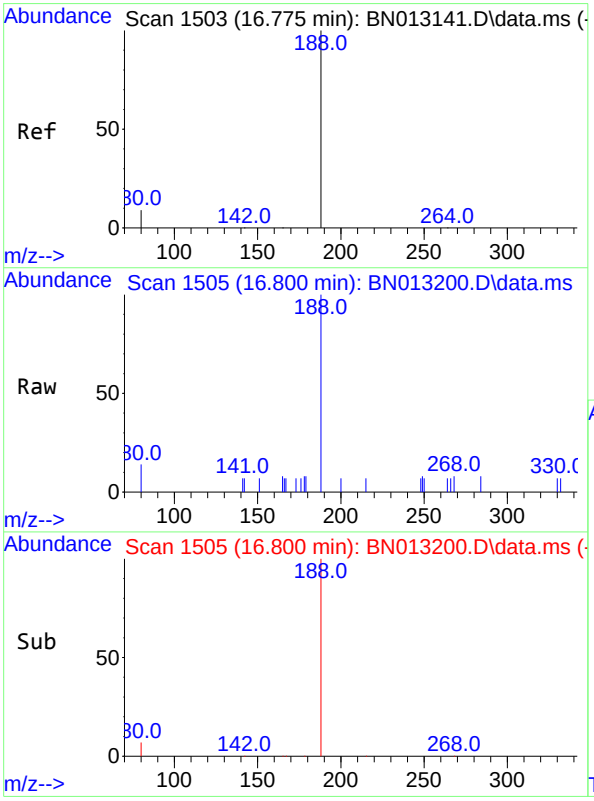


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.659 min Scan# 1176
Delta R.T. 0.025 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:172 Resp: 1220

Ion	Ratio	Lower	Upper
172	100		
171	45.2	28.2	42.4#
170	35.7	20.0	30.0#

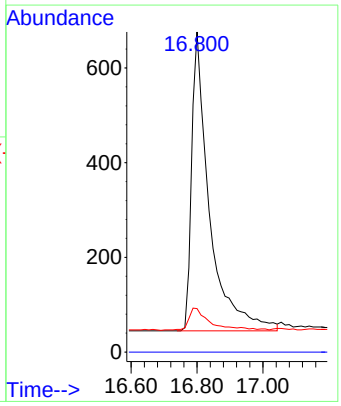




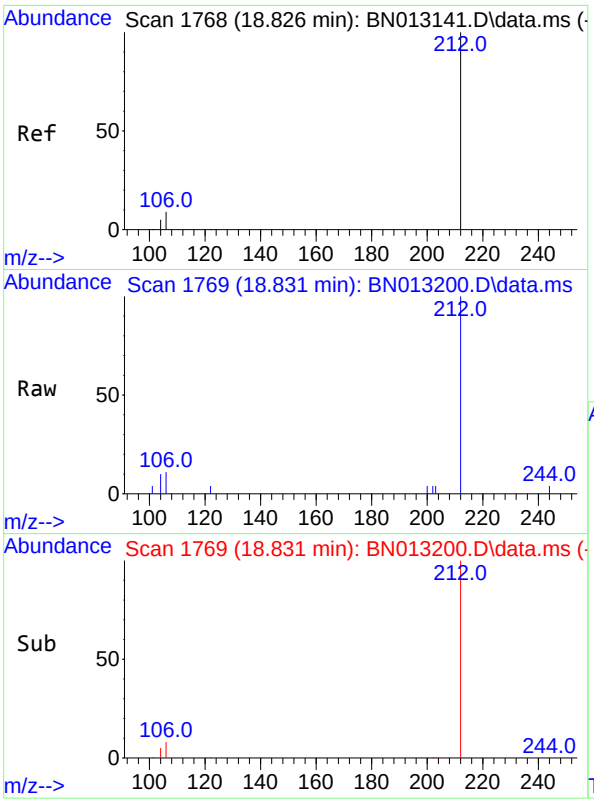
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.024 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:188 Resp: 2360

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	5.0	7.4#



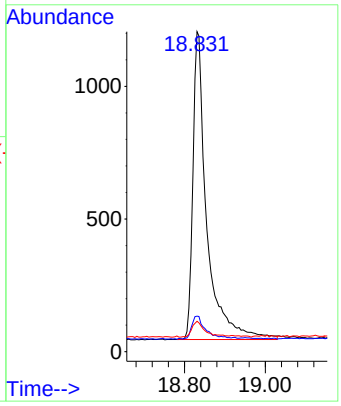
Instrument :
BNA_N
ClientSampleId :
PB133530BL

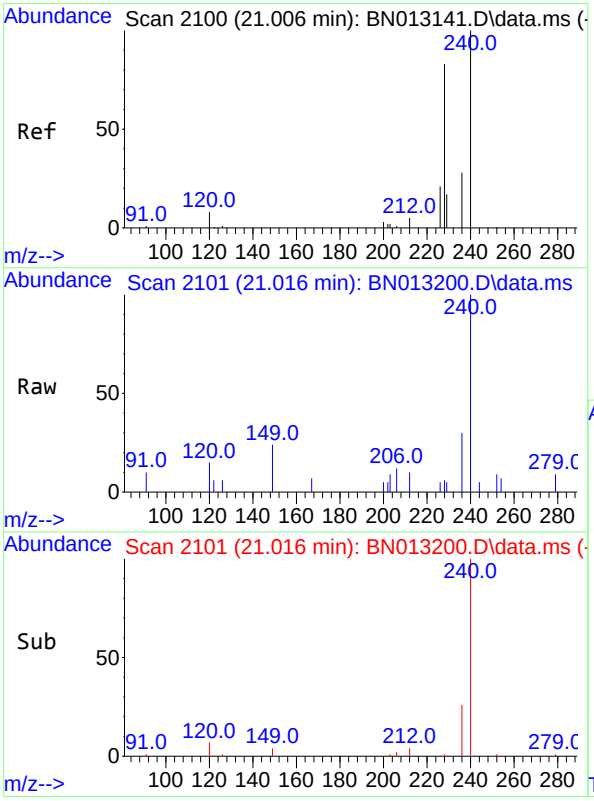


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:212 Resp: 2767

Ion	Ratio	Lower	Upper
212	100		
106	7.7	6.8	10.2
104	5.0	4.1	6.1

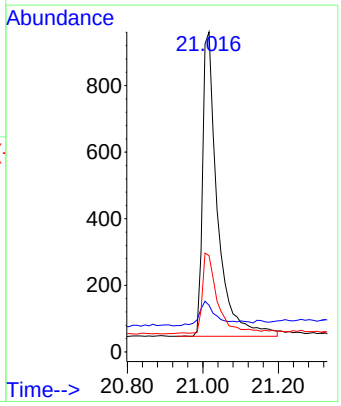




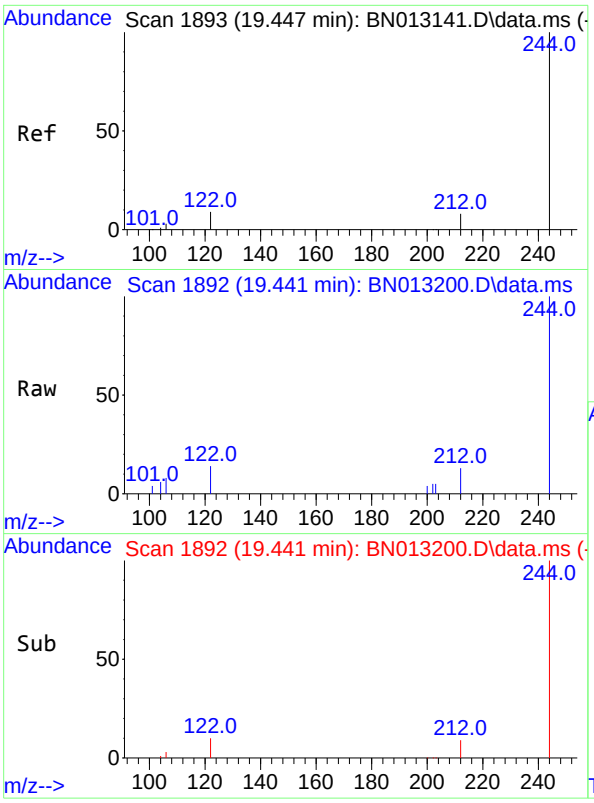
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:240 Resp: 2518

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.3	7.9#
236	30.1	21.8	32.8



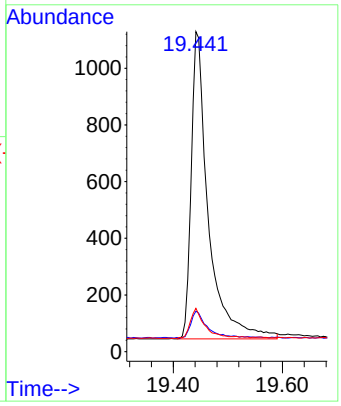
Instrument :
BNA_N
ClientSampleId :
PB133530BL

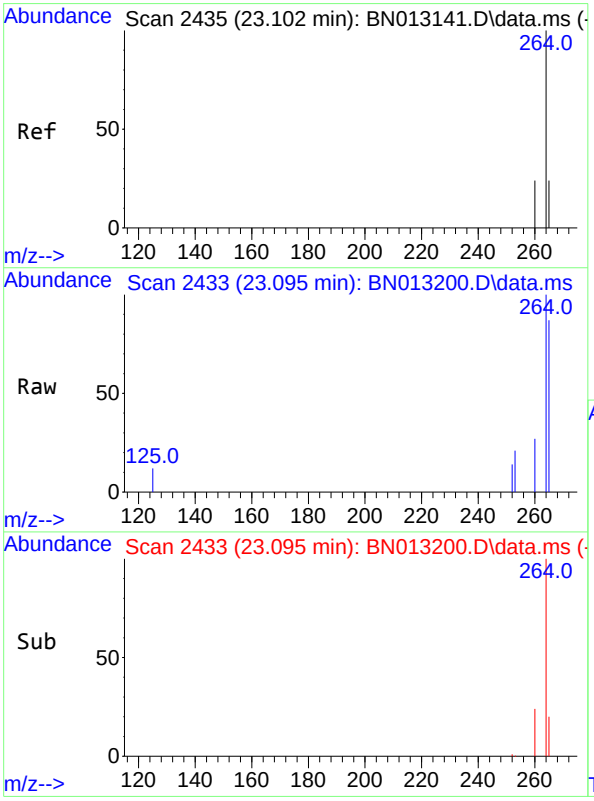


#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:244 Resp: 2356

Ion	Ratio	Lower	Upper
244	100		
212	12.7	7.3	10.9#
122	13.6	7.3	10.9#





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.095 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BN013200.D
Acq: 18 Dec 2020 02:05

Tgt Ion:264 Resp: 2873

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.6
265	87.0	51.4	77.0#