Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101433.D
Acq On : 31 Oct 2024 15:14
Operator : RC/JU
Sample : P4578-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Quant Time: Oct 31 16:41:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	150057	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	662069	20.000	ng	0.00
39) Acenaphthene-d10	14.175	164	470146	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1206173	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1598005	20.000	ng	0.00
86) Perylene-d12	23.364	264	2061054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	383093	44.745	ng	0.00
7) Phenol-d6	6.942	99	429715	36.197	ng	0.00
23) Nitrobenzene-d5	8.781	82	456426	43.300	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	715545	86.836	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	1268778	45.703	ng	0.00
79) Terphenyl-d14	19.509	244	3678322	52.978	ng	0.00
Target Compounds						Qvalue

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

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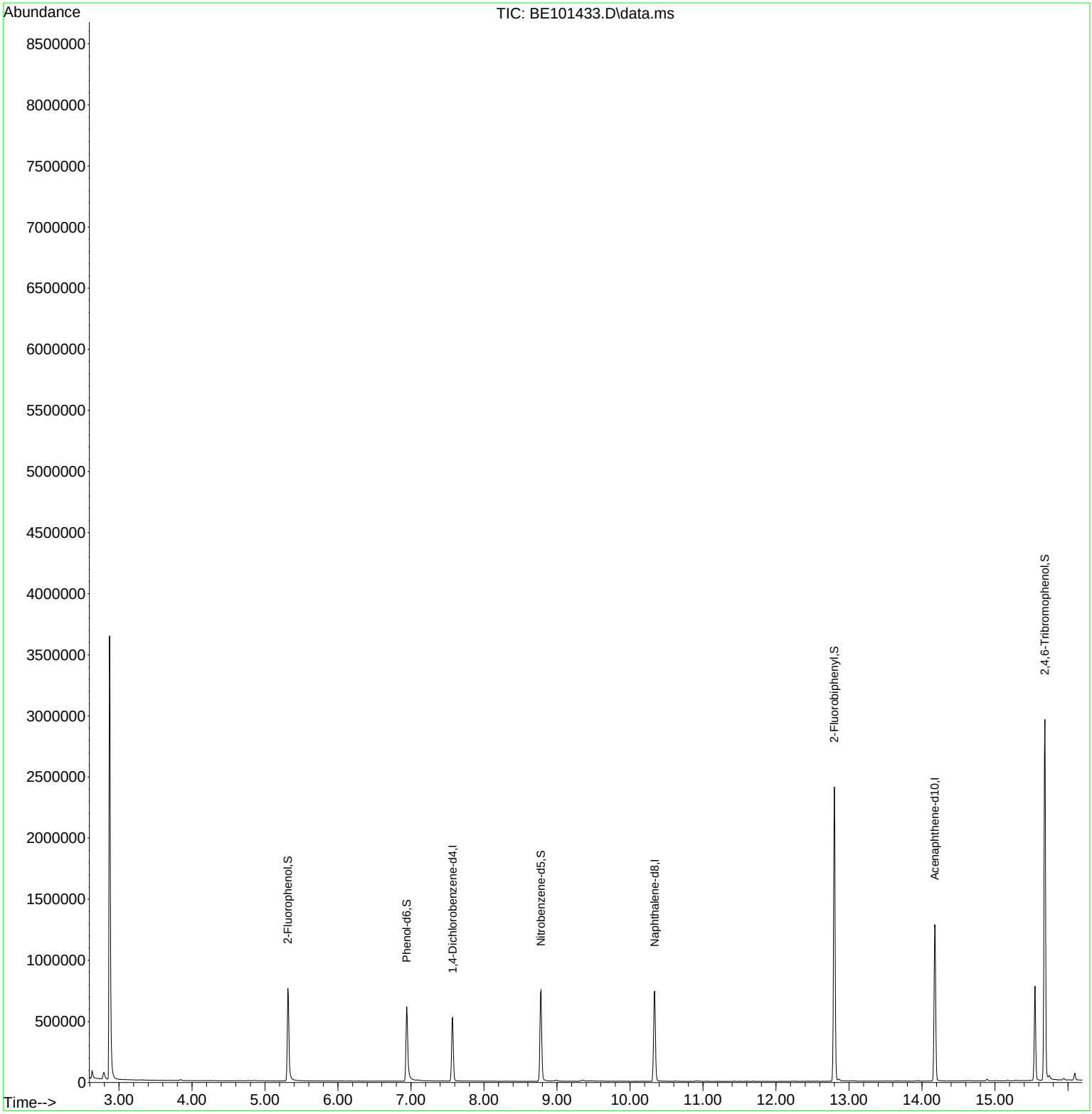

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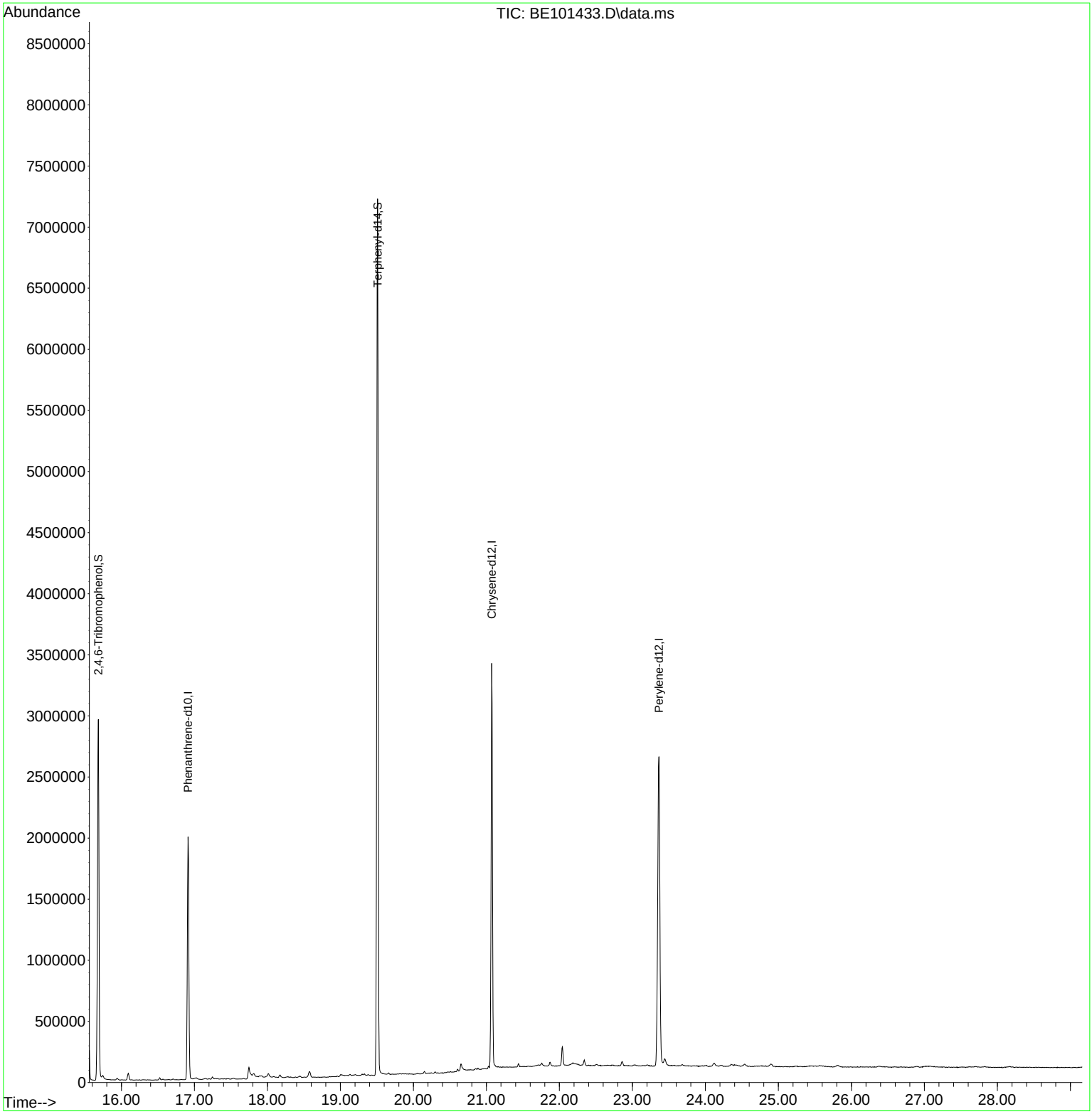
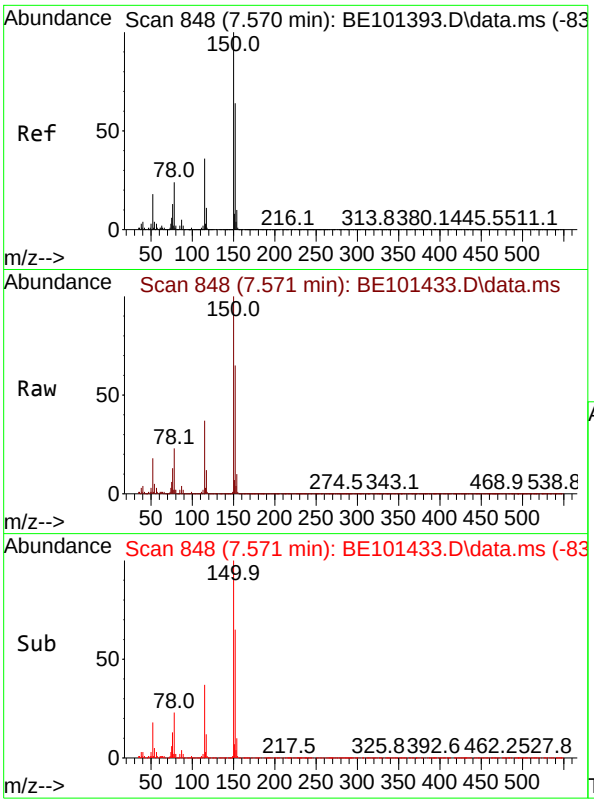


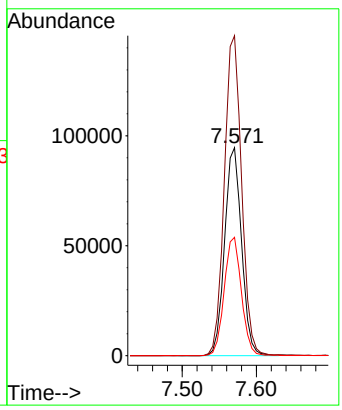


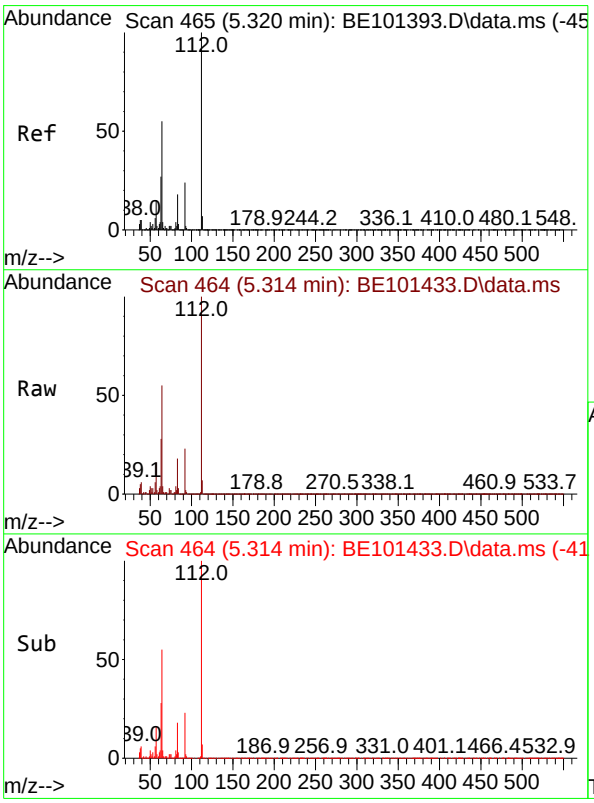
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion:152 Resp: 150057

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.4
115	57.0	45.3	67.9

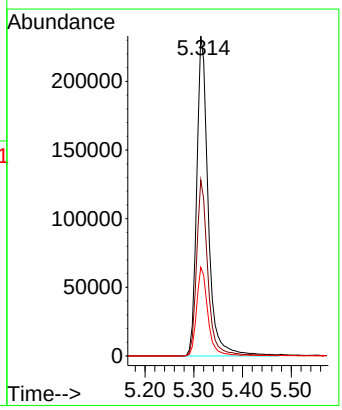


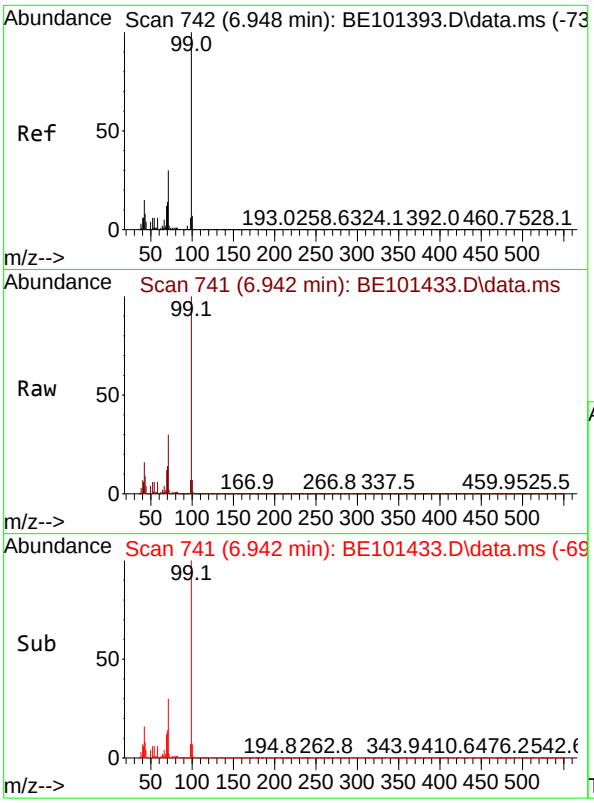


#5
2-Fluorophenol
Concen: 44.745 ng
RT: 5.314 min Scan# 464
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:112 Resp: 383093

Ion	Ratio	Lower	Upper
112	100		
64	55.0	43.7	65.5
63	27.7	21.4	32.2



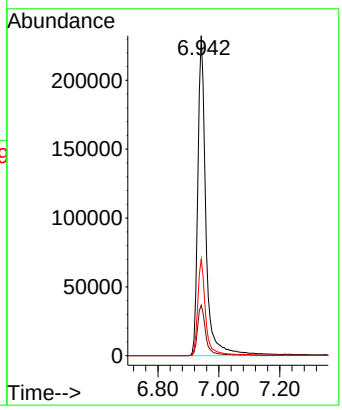


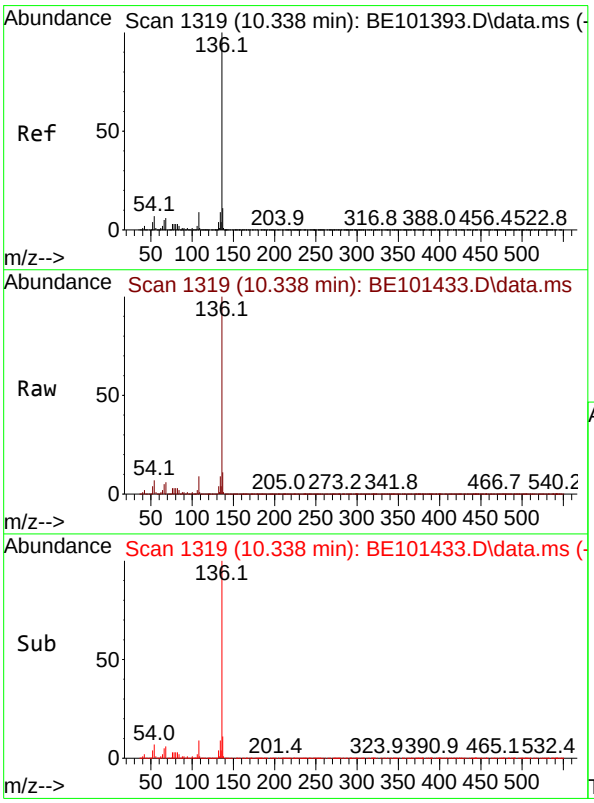
#7
Phenol-d6
Concen: 36.197 ng
RT: 6.942 min Scan# 74
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion: 99 Resp: 429715

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.3	18.5
71	30.1	23.8	35.8

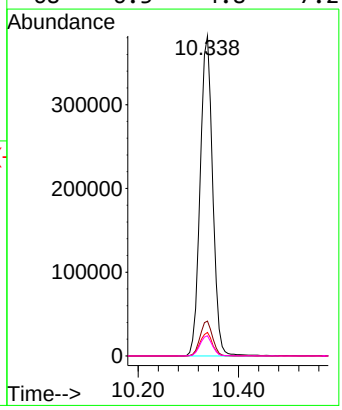


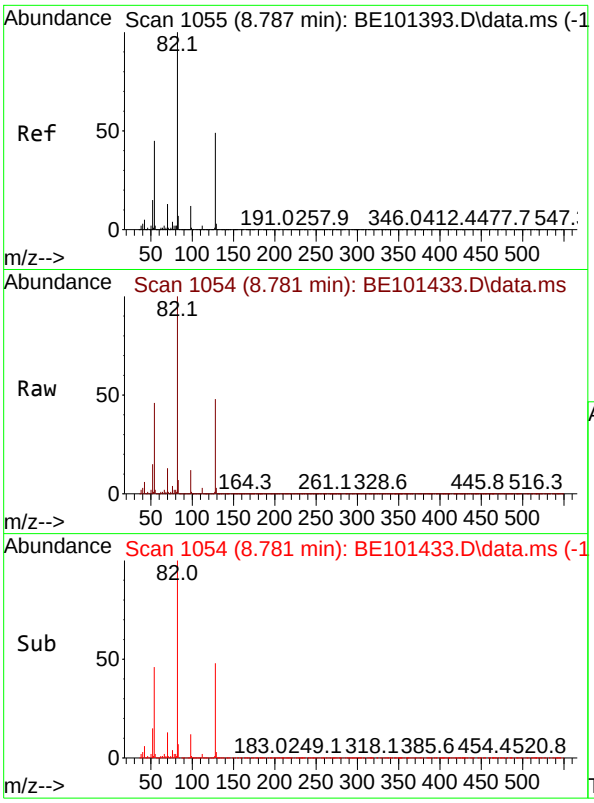


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:136 Resp: 662069

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.3	5.9	8.9
68	6.3	4.8	7.2



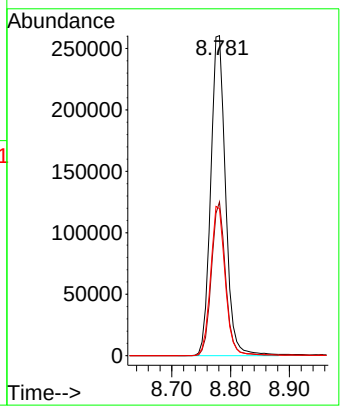


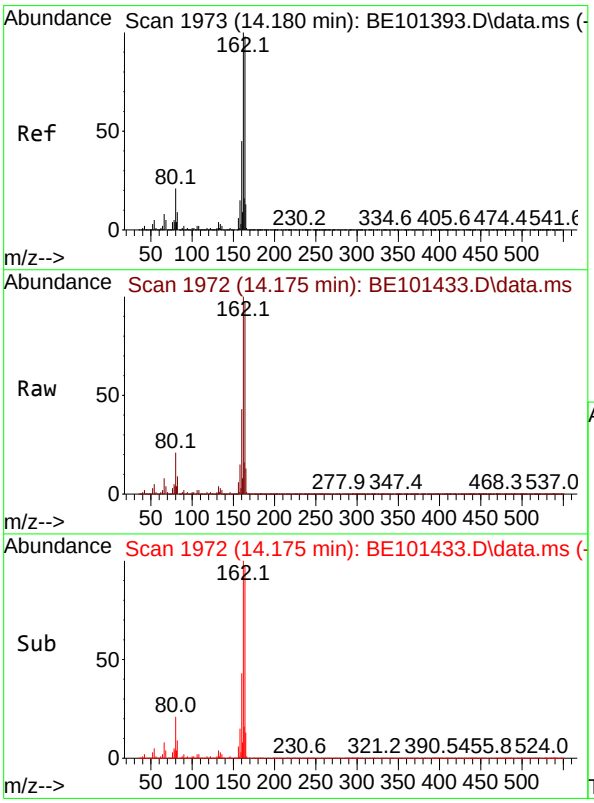
#23
Nitrobenzene-d5
Concen: 43.300 ng
RT: 8.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion: 82 Resp: 456426

Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.9	58.3
54	46.0	36.2	54.4

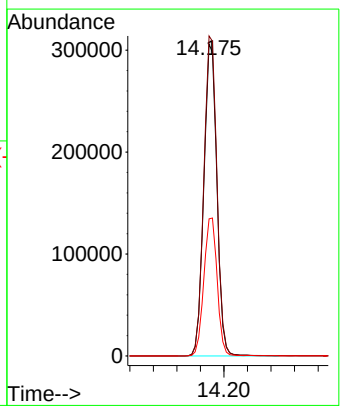


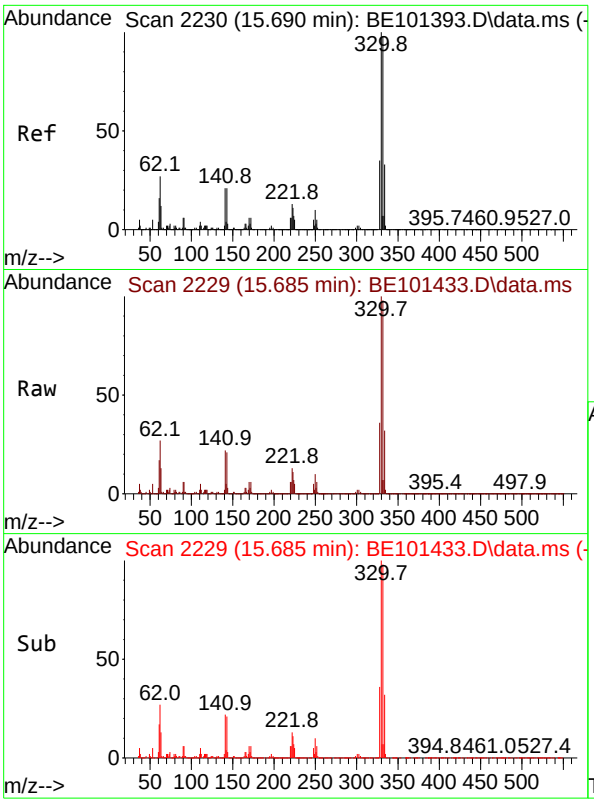


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:164 Resp: 470146

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	44.0	36.4	54.6



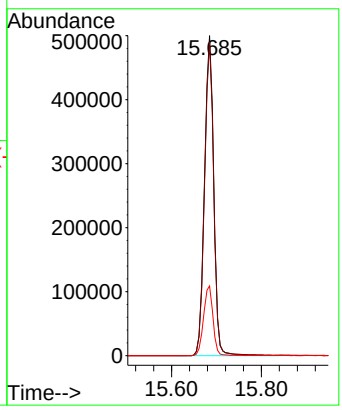


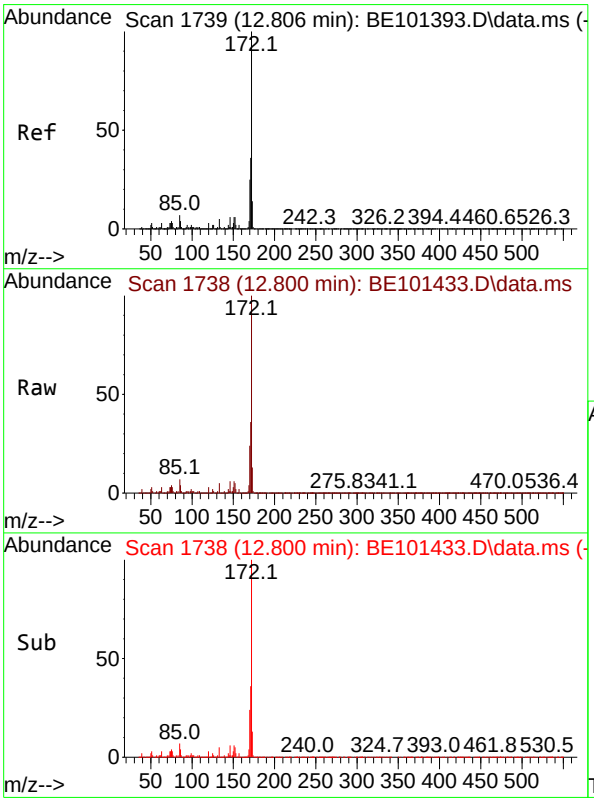
#42
2,4,6-Tribromophenol
Concen: 86.836 ng
RT: 15.685 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion:330 Resp: 715545

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	22.3	18.3	27.5

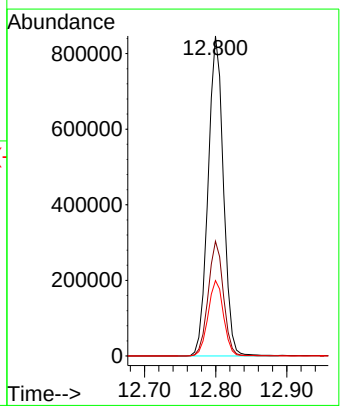


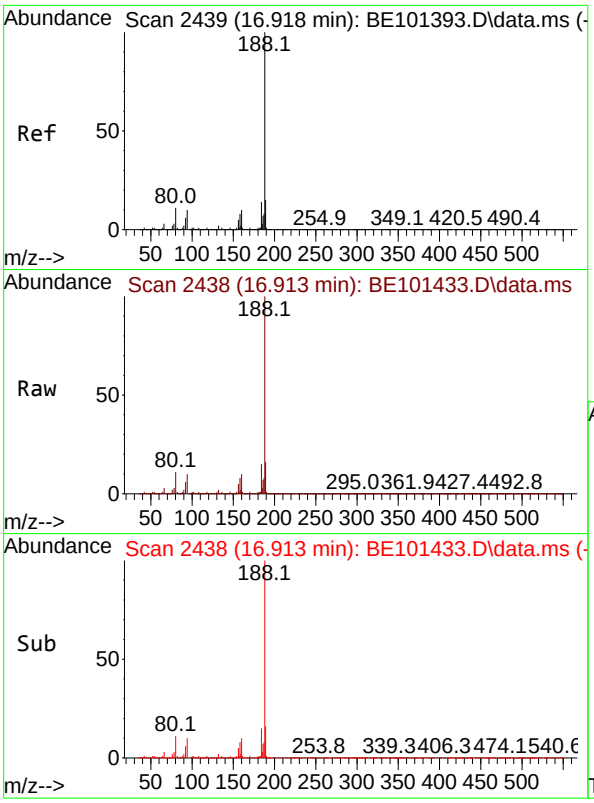


#45
2-Fluorobiphenyl
Concen: 45.703 ng
RT: 12.800 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:172 Resp: 1268778

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.6	19.8	29.6



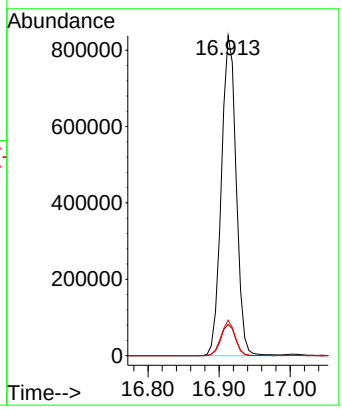


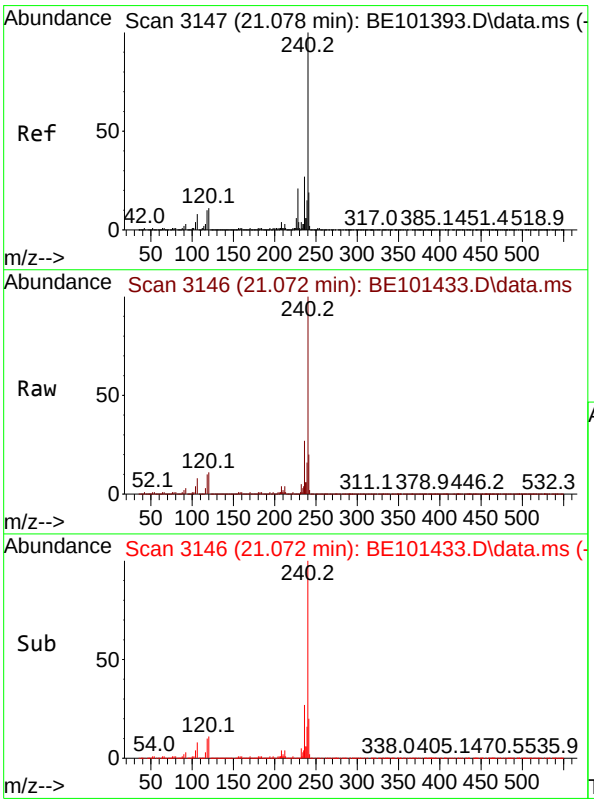
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 24
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion:188 Resp: 1206173

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.8
80	11.1	8.6	12.8

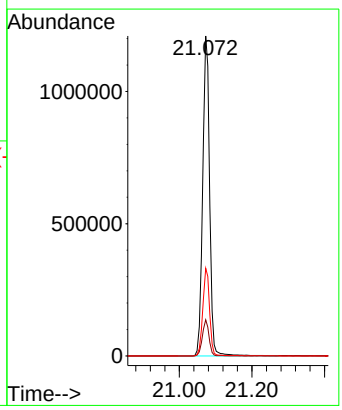


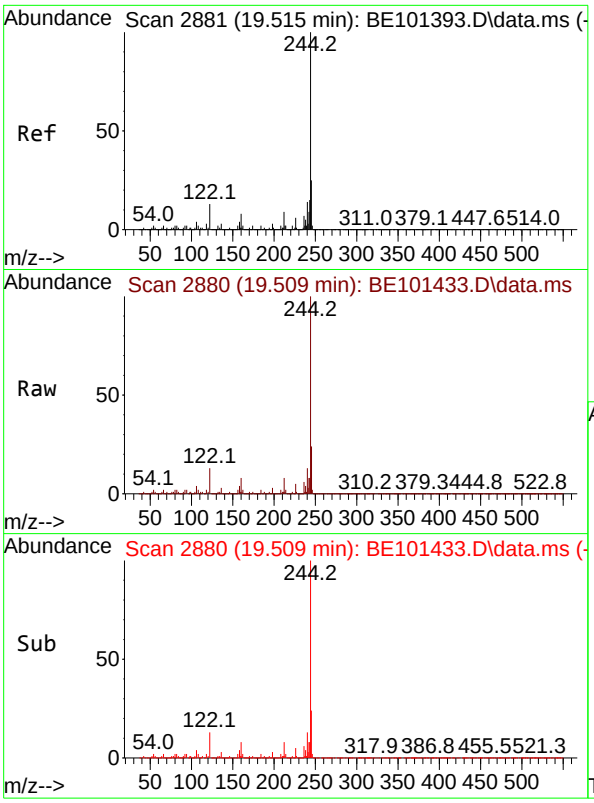


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:240 Resp: 1598005

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	27.4	21.4	32.0



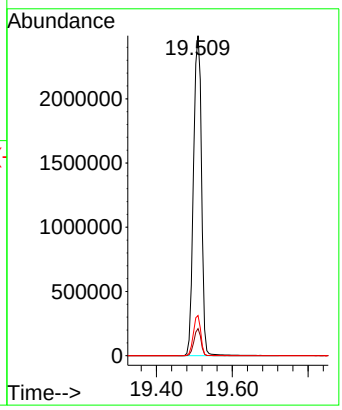


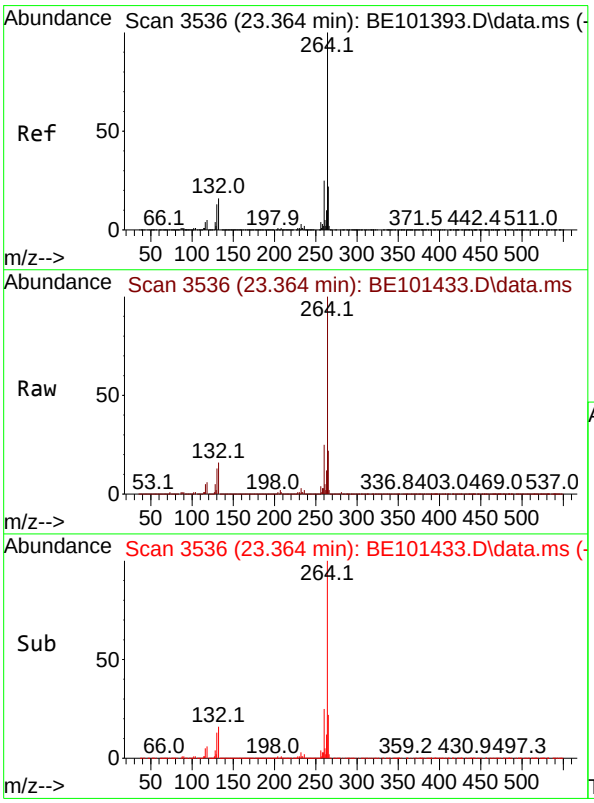
#79
Terphenyl-d14
Concen: 52.978 ng
RT: 19.509 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion:244 Resp: 3678322

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.2	10.8
122	12.6	10.4	15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.364 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:264 Resp: 2061054

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	22.2	17.6	26.4